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ABSTRACT

The approximately 700 resumes contained in this report cover research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1979, to June 30, 1980 (fiscal year 1980). The projects are funded under Sections 131, 132, and 133 of the Vocational Education Act of 1963 as revised by the Education Amendments of 1976. Entries are arranged alphabetically by state and within each state by legislative section. Information provided in each entry includes the project director, organized address, sponsoring agency, contract/control number, funding period, fiscal year funding, ERIC descriptors, and a brief annotation of the project. A subject index is included in addition to appendixes listing state directors of vocational education and RCU directors. (Author/KC)

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**Resources in Vocational Education
State Program Improvement
Projects—FY 1980**

**Compiled by
The National Center Clearinghouse**

**The National Center for Research in Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, OH 43210**

July 1981

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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Foreword

Resources in Vocational Education is produced by the National Center Clearinghouse of the National Center for Research in Vocational Education under a contract with the Office of Adult and Vocational Education, U.S. Department of Education. For the 1981-82 subscription year, the individual issues of the journal include a report of state program improvement projects, selections of ERIC documents related to vocational and technical education, a directory of key contact persons at the state and federal levels responsible for vocational education, and a compilation of vocational and technical education curriculum materials.

Educators must be aware of ongoing vocational education research and development projects to keep abreast of new exemplary practices and products, to facilitate incorporation of innovations into programs, and to reduce duplication of efforts. The National Center is pleased to disseminate pertinent research and development information projects (Sections 131, 132, and 133 of PL 94-482). This issue of *Resources in Vocational Education* provides researchers, program planners, curriculum developers, evaluators, teacher educators, teachers, counselors and administrators with an easy-to-use report of projects in progress during fiscal year 1980.

We wish to thank staff of the research coordinating units in each state and territory for identifying and supplying project information.

Recognition is given to Clearinghouse staff for their efforts in compiling this publication: Wesley E. Budke, Clearinghouse Director; Carl F. Oldsen, Research Specialist; Patricia Arthur and Ruth Gordon, Program Associates; Laurian Miguel, Program Assistant; and Wallis Harsch, Publication Specialist; Naomi Jacobs, Librarian; and Brenda Bythewood, Typist.

Robert E. Taylor
Executive Director
The National Center for Research
in Vocational Education

Executive Summary

Resumes contained in this report cover research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1979 to June 30, 1980 (fiscal year 1980). The projects are funded under Sections 131, 132, and 133 of the Vocational Education Act of 1963 as revised by the Education Amendments of 1976. Resumes are arranged alphabetically by state and within each state by legislative section. Information provided in each resume includes the project director, organization address, sponsoring agency, funding period, and fiscal year funding. A subject index is included in addition to appendixes listing state directors of vocational education and RCU directors. Previous reports for fiscal years 1978 and 1979, published with the title *Current Projects in Vocational Education, State-Administered Projects*, are available in ERIC as ED 185 445 and ED 190 848 respectively.

INTRODUCTION

Information compiled in this annual report covers research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1979 to June 30, 1980 (fiscal year 1980). The federal funds actually spent during this period were carried forward from the previous fiscal year or specifically charged to FY 1980.

Authorizing Legislation

Most state RCUs were first established through grants authorized under the Vocational Education Act of 1963 (PL 88-210). They became a permanent part of the states' vocational education program improvement efforts with the 1968 amendments to that act (PL 90-576). The Education Amendments of 1976 (PL 94-482) gave them more specific responsibility by requiring that program improvement activities, including Section 131 (Research), Section 132 (Exemplary and Innovative), and Section 133 (Curriculum Development), be conducted through the RCUs. Supportive service activities such as Section 134 (Vocational Guidance and Counseling), Section 135 (Vocational Education Personnel Training), and Section 136 (Grants to Assist in Overcoming Sex Bias) may be managed by the RCU if the state chooses.

Projects included in this report were funded under Sections 131, 132, and 133 of the Education Amendments of 1976. Projects were intended to emphasize improvement of planning in using resources available for vocational education and manpower training; extending, improving, and where necessary, maintaining existing programs; developing new programs; overcoming sex discrimination and sex stereotyping; and providing part-time employment for needy youths. The three legislative sections are described below.

Section 131: Research. Funds may be used to support state RCUs and for contracts by RCUs for program improvement involving (1) applied research and development projects; (2) experimental, developmental, and pilot programs designed to test the effectiveness of research findings, including programs to overcome problems of sex bias and sex stereotyping; (3) improved curriculum materials for current programs and new materials for new and emerging job fields; (4) development of new careers and occupations in fields such as mental and physical health, crime prevention and correction, welfare, education, municipal services, child care, and recreation; (5) training and development projects designed to demonstrate improved methods of obtaining the cooperation of both public and private sectors to better coordinate and implement programs for employing persons in the fields described above; (6) evaluating programs relating to training and using public service aides; and (7) disseminating contract results locally. Contracts must result in improved teaching techniques or curriculum materials that will be used in a substantial number of classrooms or other learning situations within five years after contract termination.

Section 132: Exemplary and Innovative. Funds may be used for contracts for the support of exemplary and innovative programs, including (1) developing high quality vocational education programs for urban centers with high concentrations of economically disadvantaged, unskilled workers, and unemployed individuals; (2) developing training opportunities for persons in sparsely populated rural areas and individuals migrating from farms to urban areas; (3) providing effective vocational education for individuals with limited English speaking ability; (4) establishing cooperative arrangements between public education and manpower agencies designed to correlate vocational education opportunities with current and projected labor market needs; (5) broadening occupational aspirations and opportunities for youth (with special emphasis given to youth who have academic, socioeconomic, or other handicaps), including programs and projects designed to familiarize elementary and secondary students with a broad range of occupations for which special skills are required and the requisites for careers in such occupations; and (6) facilitating participation of employers and labor organizations in postsecondary education.

Other provisions of Section 132 give priority to programs designed to reduce sex stereotyping in vocational education and provide for participation of students enrolled in nonprofit private schools. Annual program plans and accountability reports covering the final year of financial support by the state for these programs must indicate what will happen to the program after federal support is discontinued, and how promising programs will be continued and expanded within the state.

Section 133: Curriculum Development. Funds may be used for contracts for the support of curriculum development projects, including developing and disseminating vocational education curriculum materials for new and changing occupational fields and for individuals with special needs. Funds may be used also for contracts for developing guidance, curriculum, and testing materials and for support services designed to overcome sex bias, and to enable teachers to meet the needs of individuals enrolled in vocational education programs traditionally limited to members of the opposite sex. Contracts must result in improved teaching techniques or curriculum materials that will be used in a substantial number of classrooms or other learning situations within five years after contract termination.

USING THIS REPORT

Project descriptions identified and acquired through the cooperation of RCU directors are presented in section 1 of the publication; section 2 contains the subject index. Appendixes list the state directors of vocational education and RCU directors. Guidelines for preparing project resumes were adopted from the *ERIC Processing Manual*, and subject terms were selected from the *Thesaurus of ERIC Descriptors*. Each resume includes bibliographic information and a summary focusing on project objectives and procedures. The sample resume on page xvi provides an explanation of the terms used. Resumes are organized alphabetically by state and by section (131, 132, and 133) within each state.

Related Reports

A companion report of projects administered by the Office of Vocational and Adult Education, U.S. Department of Education (OVAE/ED) was published for FY 1976, 1977, and 1978. These reports are available from ERIC as ED 138 782, ED 151 611, and ED 173 622 respectively. For a historical record of vocational education programs supported by federal legislation in FY 1970-77, readers are directed to a two-volume annotated bibliography. The first volume, *Research and Development Projects in Vocational Education, Fiscal Years 1970-1977, Federally Administered Projects*, published in January 1979 (ED 170 532), contains resumes of research projects, exemplary and innovative projects, curriculum development projects, and bilingual vocational training programs administered by the OVAE/ED. The second volume, *Research and Development Projects in Vocational Education, Fiscal Years 1970-1977, State-Administered Projects*, published in January 1980 (ED 182 499), identifies research and exemplary programs administered by state departments of education. These and other related publications are listed below.

The Complete VT-ED Cross-Reference Index for the AIM/ARM System, compiled by Kathleen Jezierski and Joan Mitric, February 1978. ED 164 800.

An aid to locating documents processed for the AIM/ARM information system (Abstracts of Instructional and Research Materials in Vocational and Technical Education), the index cross references over 17,000 AIM/ARM accession numbers to the ERIC system's accession numbers and shows the availability of documents through the ERIC Document Reproduction Service.

Writer's Guide to Publication Development: How to Get Your Publication into an Information Retrieval System, by Kathleen Jezierski, February 1978. ED 164 799.

The handbook includes instructions, a model, and discussions of format, content requirements, and copyright concerns to guide writers in developing publications that meet both the criteria for government sponsors and criteria for inclusion in information retrieval systems.

Research and Development Projects in Vocational Education, FY 1970-1977. An Annotated Bibliography: Volume 1. Federally Administered Projects, compiled by Ruth Gordon and others, January 1979. ED 170 532.

Annotations are presented of completed research, exemplary and innovative projects, curriculum development projects, and bilingual vocational training projects administered by the U.S. Office of Education, Bureau of Occupational and Adult Education (USOE/BOAE) during fiscal years 1970-77. The projects were funded under Parts C, D, and I of the Vocational Education Amendments of 1968 and Part J of the Education Amendments of 1974. A total of 1,285 projects are described.

Research and Development Projects in Vocational Education, FY 1970-1977. An Annotated Bibliography: Volume 2. State-Administered Projects, compiled by Ruth Gordon and others, January 1980. ED 182 499.

Annotations are presented of completed research projects and exemplary and innovative projects administered by state research coordinating units during fiscal years 1970-77. The projects were funded under Part C and Part D of the Vocational Education Amendments of 1968. A total of 6,668 projects are described.

Current Projects in Vocational Education—FY 1976. Abstracts of Projects Supported in Fiscal Year of 1976 and the Transition Quarter under the Vocational Education Amendments of 1968 (Parts C, D, I, and J), compiled by Wesley E. Budke and Ruth Gordon, February 1977. ED 138 782.

Abstracts are presented of 221 new and continuing projects funded by the Division of Research and Demonstration (USOE/BOAE) in fiscal year 1976 and the transition quarter (July 2 - September 30, 1976). The projects relate to research, demonstration, curriculum development, and bilingual vocational education.

Current Projects in Vocational Education—FY 1977. Abstracts of Projects Supported in Fiscal Year 1977 under the Vocational Education Amendments of 1968 (Parts C, D, I, and J), compiled by Ruth Gordon and Lois Ann Sellers, February 1978. ED 151 611.

Abstracts of 199 new and continuing projects funded by the Division of Research and Demonstration (USOE/BOAE) in fiscal year 1977 are presented. The projects relate to research, demonstration, curriculum development, and bilingual vocational education.

Current Projects in Vocational Education—FY 1978. Federally Administered Projects, compiled by Ruth Gordon and others, June 1979. ED 173 622.

Abstracts of 206 new and continuing projects funded by the Division of Research and Demonstration (USOE/BOAE) in fiscal year 1978 are presented. The projects relate to programs of national significance (personnel development, national center for research in vocational education, and curriculum coordination centers), bilingual vocational education, and the assistance contract program for Indian tribes and Indian tribal organizations.

Current Projects in Vocational Education—FY 1978. State-Administered Projects, compiled by Patricia Arthur and Wesley E. Budke, January 1980. ED 189 445.

Abstracts of 706 projects administered by states through research coordinating units under the Education Amendments of 1976 are presented. The FY 1978 resumes cover research projects, exemplary and innovative projects, and curriculum development projects.

Current Projects in Vocational Education—FY 1979. State-Administered Projects, compiled by Patricia Arthur and Wesley E. Budke, June 1980. ED 190 848.

Abstracts of 809 projects administered by state departments of education through research coordinating units under the Education Amendments of 1976 are presented. The FY 1979 resumes cover research projects, exemplary and innovative projects, and curriculum development projects.

Projects in Progress—FY 1978. A Report for the Coordinating Committee on Research in Vocational Education, compiled by Ruth Gordon and others, January 1979. ED 174 781.

Abstracts of 321 projects in career education, vocational education, and education and work are presented. The projects are administered by the USOE's Division of Research and Demonstration, Office of Career Education, National Institute of Education, and Fund for the Improvement of Postsecondary Education.

Projects in Progress—FY 1979. A Report for the Coordinating Committee on Research in Vocational Education, compiled by Ruth Gordon and others, June 1980. ED 189 362.

Abstracts of 217 projects in career education, vocational education, and education and work are presented. The projects are administered by the USOE's Division of Research and Demonstration, Office of Career Education, National Institute of Education, and Fund for the Improvement of Postsecondary Education.

SECTION 1
PROJECT RESUMES

SAMPLE PROJECT RESUME

Accession Number Project Director Organization Name and Address Telephone Number Funding Period Fiscal Year Funding Descriptors Identifiers	000089 Solar Curriculum Development in State Community Colleges and Area Vocational-Technical Schools. Project Director: Hooper, James Organization: Seward County Community Junior College, Liberal, KS 67801 Telephone: (903) 781-9002 Sponsoring Agency: Kansas State Dept. of Education, Topeka Contract/Control Number: 80-133-11 Funding Period: Start Date 1 Jul 79; End Date 30 Jun 80 Fiscal Year Funding: \$8,680 Note: This project also received \$8,680 in local funds for FY 1980. Descriptors: Area Vocational Schools, Community Colleges, Curriculum Development, *Learning Modules, Manpower Development, *Paraprofessional Personnel, Postsecondary Education, Secondary Education, *Solar Radiation, *Task Analysis Identifiers: Proposal, State A solar curriculum adaptable to short term, intensive, and part-time training will be developed for students enrolled at area vocational and technical schools and community colleges in Kansas. The curriculum will include components of existing programs capable of fulfilling the competency needs of solar technology workers in the next decade and will serve as a model for community colleges and area vocational and technical schools to use in responding to industry needs and in supplying the manpower for new solar technology as it develops. The curriculum to train solar technicians to install, maintain, and repair solar energy systems will have a modular approach and will include existing training programs in sheet metal fabrication and heating and air conditioning as an integral part. Task analyses will be performed to identify and delineate skills and competencies needed by solar technicians.
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Title

Sponsoring Agency

Contract or State Control Number

Descriptive Note

Abstract

ALABAMA

Exemplary and Innovative (Sec. 132)

000447

Development of Procedures and Agreements to Enhance Student Articulation between Secondary and Postsecondary Vocational Education Programs.

Project Director: Jacobs, Dan K.

Organization: Associated Educational Consultants, Inc, P O Box 15073, Pittsburgh, PA 15237

Sponsoring Agency: Alabama State Dept. of Education, Montgomery

Contract/Control No.: 0507

Funding Period: Start Date 18 Feb 80; End Date 30 Jun 81

Fiscal Year Funding: \$17,850

Descriptors: *Articulation Education, *Educational Planning, *Educational Policy, *Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A set of procedures and policies will be produced to serve as guidelines for Alabama. Project staff will identify a planning committee comprised of representatives from secondary and postsecondary institutions and the state department; conduct a search for model articulation policies locally and nationally; and survey the local articulation committee to determine the feasibility of sample documents collected. A written articulation policy will address counseling recruitment, awarding of credit, and student assessment, cover a variety of curricular areas, and can be used not only in similar programs at the same level, but also in different institutions. A final report will be delivered.

000448

Document of Evidence.

Project Director: Jacobs, Dan

Organization: Associated Educational Consultants, Inc, P O Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Alabama State Dept. of Education, Montgomery

Contract/Control No.: 0508

Funding Period: Start Date 18 Feb 80; End Date 31 Dec 80

Fiscal Year Funding: \$6,154

Descriptors: *Educational Assessment, *Outcomes of Education, *Student Educational Objectives, *Academic Achievement, *Program Evaluation, Program Effectiveness

Identifiers: State, Proposal

A certificate form, the "Document of Evidence," used to document those skills acquired by students completing vocational education programs, will be evaluated for its appropriateness and effectiveness. The process used to disseminate the documents also will be evaluated. A task force of local vocational administrators, teachers, students, and employers will be formed to help develop the evaluation instruments. Instruments will be developed and validated and mailed to a random sample of the populations who used the document. Individual interviews will be conducted with state vocational personnel to identify and evaluate the dissemination process. A final report will be delivered.

Curriculum Development (Sec. 133)

000449

Implementation of Performance-Based Teacher Education Modules into Vocational Teacher Education.

Project Director: Baker, Richard

Organization: Auburn University, Auburn, AL 36849

Telephone: (205) 826-4431

Sponsoring Agency: Alabama State Dept. of Education, Montgomery

Contract/Control No.: 0461

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 81

Fiscal Year Funding: \$11,000

Descriptors: *Competency Based Teacher Education, *Learning Modules, *Audiovisual Instruction, *Faculty Handbooks, *Instructional Materials

Identifiers: State, Proposal

Slide/tape presentations will be developed to orient faculty and students to performance-based teacher education (PBTE). Faculty will identify and modify PBTE modules for use in existing courses. One or more courses in PBTE will be piloted, and faculty and student's handbooks on PBTE will be developed. A final report will be written.

ALASKA

Curriculum Development (Sec. 133)

000323

Career and Vocational Education Program Articulation—Electronics and Energy.

Project Director: Davis, E. E.

Organization: Anchorage Borough School District, 4600 DeBarr,
Pouch 6614, Anchorage, AK 99502

Sponsoring Agency: Alaska State Dept. of Education, Juneau

Contract/Control No.: 00502

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$72,500

Descriptors: *Competency Based Education, *Articulation Education, *Electronics, *Individualized Instruction, *Energy, *Inservice Education, School Business Relationship, Experiential Learning, Secondary Education, Career Guidance, Postsecondary Education, Audiovisual Aids

Identifiers: State, Proposal

Individualized, competency-based programs in electronics and energy will be developed, and vocational educators will be trained in their use. Business and industry will be involved in developing and delivering competency-based experiences in electronics. Secondary and postsecondary guidance counselors will receive training and technical assistance in vocational and career counseling with special emphasis on electronics and energy. Electronics employers will be surveyed, and articulation agreements with industry developed. A 'Handbook for Delivery of Guidance/Placement/Follow-up' will be developed. A long-range plan for meeting the manpower needs of the region will be developed. Products will also include two staff development modules, 'Rationale and Purpose' and 'Develop Process'; a ten-minute audiovisual presentation on 'Your Role in Education as a Community Resource'; and annotated bibliographies of electronics, individualized competency-based education, and career guidance. An adopter's guide that identifies steps for articulating programs will be developed, and a newsletter will be published bimonthly. Formative and summative evaluations will be carried out. A three-credit summer institute on various program components will be held for thirty vocational educators selected from throughout the state.

guidance activities, and materials will be disseminated. Student placement plans for exploration and training in towns and villages will be developed, and program participants will be recruited. Articulation activity for four-year programs in Alaska and the Northwest will begin. A final report will be written.

000002

Human Resources—Articulation Fisheries.

Project Director: Floyd, Carolyn

Organization: Kodiak Community College, Box 946, Kodiak, AK
99615

Sponsoring Agency: Alaska State Dept. of Education, Juneau

Contract/Control No.: 06401

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,700

Descriptors: *Fisheries, *Articulation Education, *Law Enforcement, *Individualized Instruction, *Experiential Learning, *Instructional Materials, Adults, Community Colleges, School Community Relationship

Identifiers: State, Proposal

Descriptive Note: This project also received \$163,436 under Subpart 2 for FY 1980

Communication and coordination among the Kodiak Island Borough School District, Kodiak Community College, and other groups concerned with fisheries careers will be strengthened. Horizontally articulated, individualized, and modularized experience-based curriculum units for use in village and city schools and community college programs for youth and adults will be designed and tested. In addition, an open entry-open exit fisheries occupations curriculum emphasizing law enforcement will be developed, faculty will be trained to integrate fisheries skills into ongoing courses and

ARIZONA

Research (Sec. 131)

001614

Pre-employment Training.

Project Director: Langen, Herbert

Organization: University of Arizona, College of Education, Tucson, AZ 85721

Telephone: (602) 626-2862

Sponsoring Agency: Alabama State Dept. of Education, Montgomery

Contract/Control No.: 80-903-RFP-02

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Access to Education, *Peer Teaching, *Self Assessment, *Job Search Methods, *Disadvantaged Groups, *Leadership, Training, Teaching Methods, Curriculum Development

Identifiers: State, Proposal

To increase the flexibility and accessibility of vocational education, leaders indigenous to hard-to-reach populations will be trained to teach peers using curriculum materials developed in the project. Curriculum content will include self-awareness (building self-esteem, values, clarification, stress management, and problem solving), self-assessment of skills and interests; job location skills; job acquiring skills (applying, interviewing, and follow up); and decision-making skills. A final report will be delivered.

001615

Development of an Approach for Improving the Basic Skills for Vocational Students.

Project Director: Dorr, Eugene L.

Organization: State Board of Directors for Community Colleges of Arizona, 1937 West Jefferson, Phoenix, AZ 85007

Telephone: (602) 255-4037

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-902-RFP-01

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,000

Descriptors: *Basic Skills, *Developmental Programs, *Success, *Cost Effectiveness, Community Colleges, Program Development, Student Evaluation

Identifiers: State, Proposal

A model for a cost-effective developmental laboratory for advancement studies will be designed to include an in-depth description of the personnel needed; the procedures to be used; materials and equipment required; and curriculum parameters of reading, writing, and mathematics skills required by Arizona community colleges. An advisory council of representatives from community colleges and appropriate public and private agencies will be formed. The final report will include a method for determining entry and exit of students attending the developmental laboratory, a guideline for administrators and faculty in scheduling courses using the competencies of students entering vocational programs, methods of writing learning objectives and modularizing concepts, and criteria for cost effectiveness and accountability.

Exemplary and Innovative (Sec. 132)

001616

Interdisciplinary Career Education Project.

Project Director: Barkley, Margaret V.

Organization: Arizona State University, Tempe, AZ 85281

Telephone: (602) 965-6687

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-903-RFP-02

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$13,494

Descriptors: *Career Education, *Interdisciplinary Approach, *Program Development, *Recreation, Curriculum Development, Secondary Education

Identifiers: State, Proposal

A new approach for delivering interdisciplinary career exploration experiences will be planned and developed. Career exploration materials for hospitality and recreation industries developed the previous year will be field tested and in-service education provided. After initial teacher and student evaluation forms are returned the modules and individual learning packets will be revised. The revised curriculum will be presented to at least fifteen schools for possible adoption during the 1980-81 school year.

001617

Skills for Self-employment: A Mediated Course for Broadcast and Nonbroadcast Use.

Project Director: Smitheran, Joyce

Organization: Maricopa County Community College District, 3910 East Washington, Phoenix, AZ 85034

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-903-RFP-05

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,000

Descriptors: *Radio, *Competency Based Education, *Audiotape Cassettes, *Business Skills, Credit Courses, Community Colleges, School Business Relationship, Curriculum Development, Program Evaluation, Postsecondary Education

Identifiers: State, Proposal, *Entrepreneurs

A college-level credit course in self-employment skills, drawn from the Arizona State University-developed instructional guide, will be designed for the community college with audio broadcast capability and open entry-open exit potential for use in class, via broadcast radio, or independently. Educational services of a National Public Radio station will be used. The instructional package will consist of the course outline, competency-based study guide, audio cassette, and evaluation procedures. The course will be piloted in the spring of 1980, and its impact assessed to demonstrate the effectiveness of broadcast audio courses.

Curriculum Development (Sec. 133)

001618

Generalists Health Care Technician.

Project Director: Proulx, Donald E.

Organization: Pima Community College District, 2202 West Anklam Road, Tucson, AZ 85709

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-805-RFP-01

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$13,000

Descriptors: *Allied Health Personnel, *Allied Health Occupation Education Material Development, *Associate Degrees, Community Colleges, Health Services, Feasibility Studies, Curriculum Development, Postsecondary Education

Identifiers: State, Proposal

A feasibility study will be conducted for establishing a two-year generalist health care technician associate degree program addressing the constraints of rural facilities. Competency definitions, core curricula, specialized curricula, clinical training, and competency-based

instructional materials will be investigated. The SARAHELP consortium will be used to establish an advisory group to help develop curricula, clinical agreements, and instructional materials.

001619**Revised Curriculum for Criminal Justice Career Programs (Continuation).**

Project Director: Dorr, Eugene L.

Organization: State Board of Directors for Community Colleges of Arizona, 1937 West Jefferson, Phoenix, AZ 85007

Telephone: (602) 255-4037

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-805-RFP-05

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$13,000

Descriptors: *College Credits, *Core Curriculum, *Transfer Policy, *Law Enforcement, *Criminology, *Competency Based Education, Ability Identification, Community Colleges, Educational Objectives

Identifiers: State, Proposal

Competency-based core curricula for the four career options of law enforcement, corrections, administration of justice, and evidence identification technician will be developed using evaluations made by an advisory council of experts in criminal justice education. A booklet will be published containing the curricula, related competencies and skills inventories, a summary of courses secured by agreement among Arizona community colleges, and strategies for obtaining transfer credit from Arizona universities. The information will assist counselors and faculty in guiding students enrolling in criminal justice programs and will serve as guidelines to community colleges administrators in scheduling criminal justice courses. Also, criminal justice agencies and Arizona university faculty will be aware of the skills and competencies of community college criminal justice program completers.

001620**Revision of Arizona Business and Office Occupations Curriculum Guide.**

Project Director: Langen, Herbert

Organization: University of Arizona, College of Education, Tucson, AZ 85721

Telephone: (602) 626-2862

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-805-RFP-05

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$13,000

Descriptors: *Office Occupations Education, *Business Education, *Competency Based Education, *Curriculum Guides, *Job Analysis, Teacher Workshops

Identifiers: State, Proposal

The Arizona business and office occupations curriculum guide will be revised and expanded to stress competency-based curriculum guidelines, emphasize learning activities and techniques for practical use, and include more specific performance goals. The units will be divided by career clusters, and a new section on student vocational organizations will be added. Samples showing evaluation instruments, curriculum materials, and references for supplementary classroom materials will be included. Competencies necessary for job entry will be better identified; attitudes and concepts for job advancement will be identified. A cross-section of fourteen Arizona vocational teachers from large and small schools, different geographical regions, and with different fields of knowledge will participate in a twelve-day workshop to rewrite units for financial records, bookkeeping and accounting, data processing, word processing, and job application. A director and assistant director will preplan and organize the workshop, help teachers develop and write the material, and edit the final product.

001621**Dissemination of Arizona Consumer Education Curriculum Guide.**

Project Director: Langen, Herbert

Organization: University of Arizona, College of Education, Tucson, AZ 85721

Telephone: (602) 626-2862

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-805-RFP-04

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,000

Descriptors: *Curriculum Guides, *Information Dissemination, *Consumer Education, *Delivery Systems, *Inservice Teacher Education

Identifiers: State, Proposal

Approximately 325 copies of the Arizona consumer education curriculum guide, dealing with consumer behavior and consumers in the marketplace, will be disseminated to vocational educators. Two delivery systems will be implemented and evaluated. In one delivery system, three inservice teacher educators from home economics and seven from distributive education, diversified occupations, and business and office education will be asked to attend a curriculum dissemination training session; set up, publicize, and conduct training sessions for at least ten vocational teachers in using the guide; and follow up on the training sessions. In the other system, the project assistant will develop materials and contact professional associations to disseminate the guides at regularly scheduled meetings. Teachers who attend training sessions or meetings will receive questionnaires and copies of the curriculum guide. The extent to which teachers are using the curriculum in their classrooms, effectiveness of the dissemination, and strengths and weaknesses of the curriculum package will be determined. A final evaluation report will be written.

001622**Dissemination of a Revised Curriculum for Fire Science Education.**

Project Director: Dorr, Eugene L.

Organization: State Board of Directors of Community Colleges of Arizona, 1937 West Jefferson, Phoenix, AZ 85007

Telephone: (602) 255-4037

Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Contract/Control No.: 80-805-RFP-02

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,000

Descriptors: *Information Dissemination, *Transfer Policy, *Fire Science Education, *Instructional Materials, Workshops, Community Colleges, Pamphlets, Competency Based Education, Audiovisual Instruction

Identifiers: State, Proposal

A plan will be developed for disseminating the competency-based core curriculum for fire science education. Materials will be distributed to public and private agencies, community colleges, universities, and students through a series of one-day workshops at community college campuses and population centers. Each presentation will use audiovisual aids and printed materials, including a booklet containing a summary of courses where common agreement has been reached among Arizona community colleges and the strategies to be used in obtaining transfer recognition from state universities. After the workshops, visits will be made to follow up, refine, and evaluate the materials. Students will be provided with a more accessible and flexible curriculum and with a background for further study in fire science education and transfer capability to four-year institutions.

ARKANSAS

Research (Sec. 131)

000450

Study of Former Vocational Career Orientation Students in Arkansas.

Project Director: Rousseau, Amos
Organization: Arkansas State University, State University, AR 72467
Telephone: (501) 972-2085
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: F0157
Funding Period: Start Date 01 Jul 79
Fiscal Year Funding: \$20,377
Descriptors: *Career Education, *Career Guidance, *Program Evaluation, *Graduate Surveys, Secondary Education, Career Counseling, *Postsecondary Education
Identifiers: State, Proposal

A model approach for effective time allocation and improved communication among students, teachers, and counselors will result from this research. An instrument will be developed to survey ten percent of vocational career orientation students enrolled from 1975-78. Responses will be compiled and data will be analyzed to validate or improve vocational career orientation instruction in Arkansas, ascertain factors that influenced students, and determine future needs for guidance and counseling activities.

000346

Developing and Field Testing Instructional Modules for the Office Procedures Curriculum at the Secondary School Level.

Project Director: Clayton, Dean
Organization: University of Arkansas, Fayetteville, AR 72701
Telephone: (501) 575-4758
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$24,364
Descriptors: *Instructional Materials, *Business Education, *Office Occupations Education, *Behavioral Objectives, Program Guides, Secondary Education
Identifiers: State, Proposal

Instructional units to support objectives in one of three cluster manuals developed under a previously funded articulation project in business education will be developed and field tested. Clusters which might be included in curriculum development and instructional strategies projects will be determined; instructional manuals for articulation in business education—office procedures will be developed, field tested, and printed; a student competency profile sheet will be developed; and materials will be disseminated. Office procedures teachers will develop and field test the materials. A final report will be delivered.

000451

Develop a Model Learning Resource Center to Assess, Prescribe, and Provide Individualized Vocational Training Needs.

Project Director: Lieblong, Burl
Organization: Crowley's Ridge Vocational-Technical School, I-40 and New Castle Road, Forrest City, AR 72335
Sponsoring Agency: Arizona State Dept. of Education, Phoenix
Contract/Control No.: R80-01 (F1180)
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 81
Fiscal Year Funding: \$59,146
Descriptors: *Diagnostic Teaching, *Student Needs, *Needs Assessment, *Educationally Disadvantaged, *Economically Disadvantaged, *Learning Resources Center, Individualized Programs,

Postsecondary Education, Models, Secondary Education
Identifiers: State, Proposal

The individualized manpower training system program will be initiated to assess educationally and economically disadvantaged students' needs, to develop individualized prescriptions for them, and provide appropriate instruction and experiences to enable them to accomplish their vocational objectives. A learning resource center will be used to make individualized prescription procedures an integral part of the vocational training programs. The system will be transferable to other schools.

000347

Vocational Education In-service Training for Areas Impacted by New Lignite Industry.

Project Director: Robinson, Fred
Organization: Warren Area Vocational Center, Warren, AR 71671
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: R80-01A (F1293)
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80
Fiscal Year Funding: \$7,430
Descriptors: *Trade And Industrial Education, *Needs Assessment, *Program Development, Secondary Education, Postsecondary Education, Comparative Analysis, Staff Development
Identifiers: State, Proposal, *Emerging Occupations, *Mining

The role of vocational education in meeting the emerging economic, educational, and training needs of new industry will be determined. A study of lignite mining will be made to determine the impact of industrial growth on a community; comparative analyses will be conducted of data collected on an area where lignite mining has impacted and on an emerging lignite mining area in southeast Arkansas. An assessment of the capability of secondary and postsecondary vocational programs to meet lignite mining and power production industry needs will be conducted. As a result, plans will be made for staff development, curriculum modification, and possible new and emerging training programs. Plan implementation will occur in phase 2.

000452

Adapting a System of Competency-Based Instructional Materials and Strategies to the Curricular Needs of Distributive Education and General Cooperative Education Programs.

Project Director: Moore, Harold
Organization: University of Arkansas, Fayetteville, AR
Sponsoring Agency: Arizona State Dept. of Education, Phoenix
Contract/Control No.: R80-01 (F1370)
Funding Period: Start Date 01 Mar 80; End Date 31 Dec 80
Fiscal Year Funding: \$1,512
Descriptors: *Educational Strategies, *Competency Based Education, *Learning Modules, *Inservice Teacher Education, *Distributive Education, *Cooperative Education, Instructional Materials, Field Tests, Task Analysis, Teacher Developed Materials
Identifiers: State, Proposal

Competency-based materials appropriate for distributive and cooperative education programs will be identified, analyzed, and field tested. Selected teachers will participate in a writers' workshop to receive technical assistance in developing additional competency-based materials. A statewide system will be implemented for field testing materials and in-service experiences to increase competencies in preparing and using task inventories, test bank items, and competency-based learning units.

000453

Alternative Energies Curriculum.

Project Director: Jordon, Kenneth F.
Organization: University of Central Arkansas, Conway, AR 72032
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: R80-01(X1311)
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80
Fiscal Year Funding: \$5,900
Descriptors: *Energy, *Instructional Materials, *Trade and Industrial Education, *Course Content, *Learning Modules, Career Exploration, Secondary Education, Postsecondary Education
Identifiers: State, Proposal

Alternative energy materials will be researched, compiled, analyzed, and integrated into trade and industrial exploratory programs. A curriculum model acceptable to secondary and postsecondary vocational teachers and a panel of advisers will be designed, and alternative energy learning packages will be developed for use in the ninth and tenth grades.

000454

Developing and Providing Multipurpose Employability Services and Supportive Environments for Displaced Homemakers and Related Groups (Continuation).

Project Director: Davis, Reba J.
Organization: University of Arkansas, Fayetteville, AR 72701
Telephone: (501) 573-4308
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: R79-04 (3074) F0080
Funding Period: Start Date 01 Jan 79; End Date 30 Jun 80
Fiscal Year Funding: \$22,086
Descriptors: *Needs Assessment, *Displaced Homemakers, *Home Economics, *Adult Vocational Education, *Nontraditional Students, *Services, Inservice Teacher Education, Models
Identifiers: State, Proposal

A transferable model for providing multipurpose services and a supportive environment to meet the needs of displaced homemakers and related groups in Arkansas will be developed. A statewide needs assessment will be conducted; strategies will be designed and linkage sites established for providing special services needed by the target groups. Courses in pre-employability and personal resource management will be developed and refined. In-service education activities for home economics teachers will be planned to increase recruiting, counseling, and other skills for serving the special needs of the target groups and for developing and implementing special adult courses in the home economics related occupations of elderly and child care. Also, a state coordinating council for displaced homemakers will be formed.

000324

Career Awareness and Job Placement for Early School Leavers and Adults in Fort Smith, Arkansas.

Project Director: Morris, Betty
Organization: Fort Smith Public Schools, Fort Smith, AR
Telephone: (501) 785-2173
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: 1747 (FO266)
Funding Period: Start Date 01 Aug 78; End Date 31 Jul 80
Fiscal Year Funding: \$20,394
Descriptors: *Career Guidance, *Career Counseling, *Dropouts, *Adults, *School Community Relationship, *Job Placement, Student Attitudes
Identifiers: State, Proposal

A school-community plan including career guidance, counseling, placement, and follow-up services will be developed for coordinating meaningful educational and occupational experiences for school dropouts and adults. The first year of the program will deal with planning, developing, and testing strategies to meet the needs of the target groups. The second year will focus on the implementation of career guidance services and placement activities. A reduction in student disaffection with school and learning and the development of closer ties among the school, social agencies, employment agencies, and parents is expected. A visual model with an in-depth description of the implementation process will be produced.

000348

Coordinated Career Education Curriculum Project.

Project Director: Arn, Joseph
Organization: University of Central Arkansas, Conway, AR 72032
Telephone: (501) 329-2931
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: R79-03 (3217) F0352
Funding Period: Start Date 01 Mar 80; End Date 31 Dec 80
Fiscal Year Funding: \$14,674
Descriptors: *Career Education, *Cooperative Education, *Disabilities, *Disadvantaged Youth, *Competency Based Education, School Business Relationship
Identifiers: State, Proposal

A coordinated career education curriculum guide which will enable coordinated career education teachers to provide cooperative education learning experiences so handicapped and disadvantaged students can achieve educational objectives more effectively and efficiently will be developed. Performance-based materials, teacher strategies, and media will be developed to accompany the curriculum. The business community will be involved in project planning. Project staff will disseminate materials and provide in-service training.

Exemplary and Innovative (Sec. 132)

000455

Development of a Model Processing Program for Parkeview High School.

Project Director: Jennings, Carol Ann; McDonald, Sandy
Organization: Parkview High School, Little Rock, AR 72204
Telephone: (501) 225-6440
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract/Control No.: F0937
Funding Period: Start Date 27 Aug 79; End Date 30 Jun 82
Fiscal Year Funding: \$19,842
Descriptors: *Academic Achievement, *Curriculum Guides, *Data Processing Occupations, *Office Occupations Education, *Programming, *Accounting, Secondary Education
Identifiers: State, Proposal

A model data processing program for students of varying achievement levels will be developed, field tested and implemented. A curriculum guide for the introduction to data processing and computer programming course, including a preliminary draft of a guide for "Computer Programming—Cobol" and a guide for a computer-oriented approach to accounting will be developed and field tested. Data processing will be integrated into the following courses: simulated office practice, junior executive training, cooperative office education, career achievement, and exploratory business. Two instructional units which interface data processing and word processing also will be developed, and a curriculum guide will be published and disseminated at the end of the second year.

000456

Developing and Disseminating an Activity-Based Learning Experience Booklet for Student Self-Development in Career Orientation.

Project Director: Childers, John H.; Roloff, John A.
Organization: Arkansas University, Fayetteville, AR 72701
Telephone: (501) 575-4758
Sponsoring Agency: Arizona State Dept. of Education, Phoenix
Contract/Control No.: F1067
Funding Period: Start Date 01 Jan 80; End Date 31 Dec 82
Fiscal Year Funding: \$2,202
Descriptors: *Learning Activities, *Career Education, *Course Content, *Affective Objectives, *Individual Development, Career Development, Pamphlets, Secondary Education, Inservice Teacher Education, Junior High School Students
Identifiers: State, Proposal

Activity-based learning experiences that can be applied in academic courses will be developed to enhance the teaching of self-development concepts as they relate to career education. Emphasis will be on students' understanding the effects of health and physical development; the necessity for establishing short- and long-range goals through effective decision making; the role of communication in in-

terpersonal relationships; and the influence of family, school, peer group, community, and work experience. Through a literature search and a needs assessment of selected career orientation teachers and students regarding their perceived self-development needs, information will be gathered about self-development and career maturity concepts of junior high school students. Activity-based learning experiences will be developed for the identified areas and evaluated through a pilot study. After the pilot study, the remaining learning experiences will be developed and all materials field tested, reviewed, reproduced, and disseminated. Four hundred copies of a booklet of the learning experiences will be produced to help teachers use the materials.

000457

Health Occupations Education Curriculum Project.**Project Director:** Feck, Vincent**Organization:** University of Central Arkansas, Conway, AR 72032**Telephone:** (501) 329-2931**Sponsoring Agency:** Arkansas State Dept. of Education, Little Rock**Contract/Control No.:** F1312**Funding Period:** Start Date 01 Jan 80; End Date 30 Jun 81**Fiscal Year Funding:** \$9,344**Descriptors:** *Competency Based Education, *Allied Health Occupations Education, *Instructional Materials, Curriculum Development, Inservice Teacher Education, Postsecondary Education, Secondary Education**Identifiers:** State, Proposal

A performance-based health education curriculum with learning objectives, materials, teacher strategies, media, and related resources will be developed, field tested, and disseminated. In-service training curriculum use will be provided, and a comprehensive evaluation system for the project will be established.

000458

Specific Career Orientation Readiness (Continuation).**Project Director:** Bryant, Marilyn**Organization:** Gateway Vocational-Technical School, Batesville, AR 72501**Telephone:** (501) 793-7581**Sponsoring Agency:** Arkansas State Dept. of Education, Little Rock**Contract/Control No.:** D7832 (3392)**Funding Period:** Start Date 15 Nov 77; End Date 30 Nov 80**Fiscal Year Funding:** \$9,581**Descriptors:** *Career Education, *Dropout Prevention, *Student Evaluation, *Vocational Aptitude, *Work Sample Tests, Material Development, Staff Development, Career Counseling**Identifiers:** State, Proposal

Students will be assisted in making career training decisions, thus reducing the high percentage of students who discontinue vocational training before program completion. A pre-enrollment aptitude evaluation program will be developed and implemented for each training area. Orientation materials will then be developed to acquaint potential students with career fields prior to enrollment. Efforts will be made to create an awareness of nontraditional roles to promote equal access to the vocational programs. The job sampling standards needed to determine the applicant's aptitude for a given area will be established. Staff competencies in aiding students in career decision making and in identifying, solving, or referring students to other guidance services will be improved. In order to field test job sampling tasks and other pre-enrollment activities, other vocational schools in Arkansas will participate in the projects.

000459

Model Comprehensive School and Community Career Service System (Continuation).**Project Director:** Spencer, Mary Louise**Organization:** Rich Mountain Vocational-Technical School, Mena, AR 71953**Telephone:** (501) 394-3012**Sponsoring Agency:** Arizona State Dept. of Education, Phoenix**Contract/Control No.:** E79-02 (2915)**Funding Period:** Start Date 01 Jan 79; End Date 30 Jun 81**Fiscal Year Funding:** \$14,896**Descriptors:** *Career Planning, *Job Search Methods, *Occupational Information, *Skill Development, *Student Placement, *School Community Relationship, Area Vocational Schools, Community Involvement, Job Placement, Job Training, Postsecondary Education, Work Attitudes, Sex Fairness**Identifiers:** State, Proposal

Postsecondary students enrolled in the state area vocational technical schools will be involved in a career awareness laboratory to develop self-knowledge and positive self-concepts and will participate in employability skills training program to develop skills in completing job applications and resumes and in finding and holding a job. To give students experiences related to specific jobs interests, job shadowing will be provided. Resource people from community agencies, business, and industry will work with students in the classroom to develop students' understanding of career responsibilities and expectations. School and community efforts will be organized into a positive working relationship to assist students in career planning. Increased community involvement in vocational and technical training, job placement, and increased student satisfaction reflected in a reduced dropout rate are expected to result.

000460

Develop Curriculum and Demonstrate Solar Energy Training Instructional Strategies (Continuation).**Project Director:** Watson, Robert, Jr**Organization:** Delta Vocational-Technical School, Marked Tree, AR 72365**Telephone:** (501) 358-2117**Sponsoring Agency:** Arkansas State Dept. of Education, Little Rock**Contract/Control No.:** E7903 (3397)**Funding Period:** Start Date 01 Mar 79; End Date 28 Feb 82**Fiscal Year Funding:** \$19,318**Descriptors:** *Curriculum Guides, *Educational Programs, *Solar Radiation, *Training Methods, *Energy, Air Conditioning, Curriculum Development, Heating, Instructional Materials, Job Skills, Postsecondary Education**Identifiers:** State, Proposal

A prototype curriculum guide for training solar energy system technicians will be developed and field tested in the areas of fundamental hot water heater systems, intermediate heating, ventilation, and airconditioning, and for other developing technologies. The training program for installing, operating, and servicing solar energy systems will be implemented as part of the industrial equipment mechanic program at Delta vocational-technical school. In addition to producing the comprehensive postsecondary curriculum guide, project staff will provide onsite demonstration of a functional solar energy system and statistical data for economical application of the system.

000461

Model Sex Equity Program (Continuation).**Project Director:** Gaines, Richard**Organization:** Black River Vocational-Technical School, Pocahontas, AR 72455**Telephone:** (501) 892-4565**Sponsoring Agency:** Arizona State Dept. of Education, Phoenix**Contract/Control No.:** E79-01 (3272)**Funding Period:** Start Date 01 Mar 79; End Date 31 Dec 81**Descriptors:** *Sex Fairness, *Nontraditional Occupations, *Inservice Teacher Education, *Career Guidance, *Job Placement, Sex Role, School Community Relationship, Career Opportunities, Employer Attitudes, Student Attitudes, Models**Identifiers:** State, Proposal**Descriptive Note:** 20343

A program stimulating interest in and support for eliminating sex-role stereotyping in vocational and technical training will be established to consider both student and employer attitudes toward nontraditional roles. Efforts will be made to place students in nontraditional jobs. During the year, the project will be expanded to two other schools. Materials will be developed, and in-service training in sex fair evaluation, counseling, and student assignments will be provided. An advisory committee will facilitate community involvement.

CALIFORNIA

Research (Sec. 131)

001623

Automated Vocational Education Data System.

Project Director: Fraser, George

Organization: Ventura County Superintendent of Schools Office,
535 East Main Street, Ventura, CA 93009Sponsoring Agency: California State Dept. of Education, Sacramen-
to

Contract/Control No.: 56-10561-3-0-201

Funding Period: Start Date 01 Oct 79; End Date 31 Mar 80

Fiscal Year Funding: \$50,000

Descriptors: *Long Range Planning, *Statewide Planning, *Ac-
countability, *Statistical Studies, *Data Collection, *Management
Information Systems

Identifiers: State, Proposal

Five-year state plan statistical tables and annual plan and account-
ability report statistical tables will be produced. Priorities for the
development of the vocational data management system will be
established to provide the state department and chancellor's office
staff with the ability to machine access numerous data files and create
statistical and analytical reports for planning, monitoring, and
evaluating.

000462

Statewide Longitudinal Study.

Project Director: Sheldon, Stephen M.

Organization: Los Angeles Community College District, 617 West
Seventh Street, Los Angeles, CA 90017

Telephone: (213) 747-0551

Sponsoring Agency: California State Dept. of Education, Sacramen-
to

Contract/Control No.: 19-64741-3-0-453

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$173,075

Descriptors: *Longitudinal Studies, *College Students, *Academic
Achievement, *Student Characteristics, Community Colleges,
Postsecondary Education, Academic Failure, College Planning

Identifiers: State, Proposal

A set of procedures will be field tested to permit rapid and complete
answers to questions about community college students and colleges
including information about sex, ethnic, or language bias; instruc-
tional procedures; and curriculum modifications. Data gathered will
be used by the colleges, the chancellor's office, and other state and
federal agencies to help determine why students succeed or fail. The
universe of students will include all first-time matriculants in the fall
of 1978. The sample will be contacted regularly by telephone using
predetermined interview schedules to gather information on their
aspirations, feelings about college programs, reasons for success or
failure in work situations, and desires for further training. Statewide
reports will be issued from combined individual college reports.

001624

Generation of Analytical Reports for the State Department of Education, Vocational Education Unit.

Project Director: Compton, Jim

Organization: Ventura County Superintendent of Schools Office,
535 East Main Street, Ventura, CA 93009

Telephone: (805) 487-7711

Sponsoring Agency: California State Dept. of Education, Sacramen-
to

Contract/Control No.: 56-10561-3-0-108

Funding Period: Start Date 01 Mar 80; End Date 31 Dec 80

Fiscal Year Funding: \$8,203

Descriptors: *Computer Programs, *Correlation, *Cost Effec-
tiveness, *Comparative Analysis, *Enrollment, Data Analysis,
Statistical Analysis, Graduates

Identifiers: State, Proposal

Necessary computer software to produce a series of statistical and
comparative reports using currently collected vocational education
data will be designed and developed. Reports will include comparing
the relationship of enrollment to FTE, relationship of enrollment to
program, relationship of enrollment to ADA, relationship of enroll-
ment to completers, relationship of enrollment and ADA to cost, and
other data relationships as determined.

000463

Feasibility Study for a California Center for the Study of Voca- tional Education.

Project Director: Nyre, Glenn F.

Organization: Evaluation and Training Institute, 12401 Wilshire
Boulevard, Suite 304, Los Angeles, CA 90025

Telephone: (213) 820-8521

Sponsoring Agency: California State Dept. of Education, Sacramen-
to

Contract/Control No.: 8856

Funding Period: Start Date 01 Jan 80; End Date 30 Sep 80

Fiscal Year Funding: \$44,860

Descriptors: *Needs Assessment, *Feasibility Studies, *Research
and Development Centers, Advisory Committees

Identifiers: State, Proposal

A needs assessment will be conducted to determine the feasibility of
establishing a center for the study of vocational education and to
determine the nature and type of center that should be established if
need and support including funding sources, location, affiliation,
relationships to existing agencies, staffing, and budget projections ex-
ist. An advisory committee composed of representatives from key
state and other vocational education agencies will be formed; in-
formation will be gathered by personal interview, open forums, and
telephone interviews. Information from other sources including na-
tional and state centers will be gathered and reviewed. Quarterly pro-
gress reports, a technical report, and a final report will be delivered.

000319

Process Design: Program Development Based on New and Emerging Occupations.

Project Director: Maxwell, G. W.

Organization: San Jose State University, San Jose, CA 95192

Sponsoring Agency: California State Dept. of Education, Sacramen-
to

Contract/Control No.: 102

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$33,800 (Charged to FY 1979)

Descriptors: *Program Planning, *Program Development, *Task
Analysis, *Administration Guides, *Occupational Information X,
Secondary Education, Postsecondary Education, Community
Colleges

Identifiers: *Emerging Occupations, State, Proposal

A system for local education personnel at secondary and communi-
ty college levels to use for identifying new and emerging occupations
in California will be developed. Alternative methods and procedures
will also be provided for performing task analyses of occupations to
collect data for making educational decisions and developing second-
ary and community college instructional programs. A handbook
containing the process and procedures will be developed; 500 copies
will be printed and disseminated to the state department of education
and chancellor's office, California community colleges. The system
will enable local education agency personnel to quickly reflect employ-
ment market changes in classroom programs.

001581

Process Design and Program Development on New and Emerging Occupations.**Project Director:** Maxwell, G. W.**Organization:** San Jose State University, San Jose, CA 95192**Telephone:** (408) 277-2648**Sponsoring Agency:** California State Dept. of Education, Sacramento**Contract/Control No.:** 43-30650-3-0-1072**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$33,800 (Charged to FY 1979)**Descriptors:** *Employment Opportunities, *Nontraditional Occupations, *Instructional Development, Task Analysis, Decision Making, Secondary Education, Sex Fairness, Community Colleges, Directories**Identifiers:** State, Proposal, *Emerging Occupations

A handbook will be developed and disseminated to provide a system for identifying new and emerging occupations in California and to provide alternative procedures for performing task analysis, making education program decisions, and developing secondary and community college instructional programs. Processes developed will promote sex equity; a component of the handbook will address nontraditional careers.

000349

Strategies for Strengthening Rural Vocational Programs.**Project Director:** Twomey, John P.**Organization:** Planning Associates, 2011 L Street, Suite 4, Merced, CA 9534C**Telephone:** (209) 383-0820**Sponsoring Agency:** California State Dept. of Education, Sacramento**Contract/Control No.:** 8533**Funding Period:** Start Date 08 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$28,000 (Charged to FY 1979)**Descriptors:** *Need Assessment, *Rural Education, *Instructional Innovation, *Teaching Methods, Secondary Schools, Community Colleges**Identifiers:** State, Proposal

Rural vocational education needs will be documented and strategies developed to meet them. Trial strategies will be implemented at eight secondary schools and community colleges, progress will be assessed, and necessary continuing activities determined. A system for determining project impact on instruction, including indirect improvement through improved management and innovative instructional strategies and methodology, will be designed, reviewed, and modified. In-service activities will be conducted, and a final report delivered.

001625

Revision of the SAM Operations Manual, Reflecting a Comprehensive Study of Data Collection from Colleges.**Project Director:** Gold, Ben K.**Organization:** Los Angeles City College, 855 North Vermont Avenue, Los Angeles, CA 90029**Telephone:** (213) 563-9141**Sponsoring Agency:** California State Dept. of Education, Sacramento**Funding Period:** Start Date 01 Jan 80; End Date 30 Jun 81**Fiscal Year Funding:** \$50,000**Descriptors:** *Data Collection, *Community Colleges, *Enrollment, *Followup Studies, *Federal Regulations, *Guides**Identifiers:** State, Proposal

The SAM model will be revised and updated to meet federal and state requirements for reporting and collecting enrollment and follow-up data on occupational students in community colleges and to complement other data collection systems in the chancellor's office and statewide. Procedures will include analyzing reporting requirements, organizing a statewide consortium of college personnel to guide the project, identifying and implementing appropriate data collection procedures for special populations, preparing and distributing the revised manual, and presenting workshops or consultant services on using the system.

Exemplary and Innovative (Sec. 132)

000026

Establishment of an Energy-Related Program.**Project Director:** Bradley, Vincent X.**Organization:** Monterey Peninsula College, 980 Fremont, Monterey, CA 93940**Sponsoring Agency:** California State Dept. of Education, Sacramento**Contract/Control No.:** CC 251**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$52,000 (Charged to FY 1979)**Descriptors:** *Energy, *Community Education, *Education Programs, *Models, *Information Networks, *Teacher Workshops, Community Colleges, Postsecondary Education, Energy Conservation, Paraprofessional Personnel, Reference Books, Reference Materials, Information Dissemination, Curriculum Development**Identifiers:** State, Proposal

To educate the public about the energy problem and prospective solutions, Monterey Peninsula College will develop curricula and an exemplary model training program necessary for the technicians to implement the transition to alternate energy use and will conduct resident workshops for forty community college instructors, providing information and training on alternative energy principles and technology to enable them to offer energy-related courses and programs. Information-sharing networks to be established will include a quarterly newsletter for all California community colleges; a curriculum information network; and a reference library containing information about conservation, weatherproofing, and alternate energy programs for the state and specific regions. Project staff will consult with public and private agencies including the Energy Commission, University of California Energy Extension Service, Solar Cal, Lawrence Berkeley Laboratory, OAT, Project Sunrise, and public utilities and will seek representatives from these organizations and from industry and labor for an advisory committee.

000222

Development of Proficiency Tests in Reading and Writing Oriented to a Specific Career Field.**Project Director:** Collins, Charles C.**Organization:** Contra Costa Community College District, 500 Court Street, Martinez, CA 94553**Telephone:** (415) 439-2181**Sponsoring Agency:** California State Dept. of Education, Sacramento**Contract/Control No.:** 07-61689-3-0-457**Funding Period:** Start Date 10 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$18,416**Descriptors:** *Remedial Reading, *Tutorial Programs, *Peer Teaching, *Writing Skills, Remedial Programs, Tutors, Language Skills X**Identifiers:** State, Proposal

To help overcome vocational students' deficiencies in reading and writing, vocational instructors will select the most able vocational students to be trained as reading and writing tutors for specific vocational subjects. The language arts instructors who teach the tutor training class will circulate each vocational area to supervise and help the tutors and also will work with vocational instructors to prepare them to direct, supervise, and evaluate their tutors. Two outside evaluators will evaluate the program. Reports will be made to other colleges at conferences and a final report will be published.

000350

Career Activities for Relevant Education (CARE).**Project Director:** Rice, Don W.**Organization:** Imperial County Superintendent of Schools, 155 South Eleventh Street, El Centro, CA 92243**Sponsoring Agency:** California State Dept. of Education, Sacramento**Contract/Control No.:** 12-10132-3-0-426**Funding Period:** Start Date 15 Apr 80; End Date 15 Jun 81**Fiscal Year Funding:** \$10,000

Descriptors: *Career Guidance, *Staff Development, *Learning Activities, *Special Education, *Instructional Materials, *Inservice Education X, Class Activities, Elementary Education, Career Education

Identifiers: State, Proposal

A career guidance program for students in grades K-8, CARE, will be infused into the regular and special education classes. In addition, the program will be used as a model for three one-day staff development workshops which will include techniques and procedures for using CARE materials and resources to implement a career guidance program. Evaluations will be collected from three sources: workshop participants' evaluation of the effectiveness of the materials and presentations; measurement of improved delivery of career guidance services to instructional personnel at the end of the project; and administration of a pre-and posttest to students.

000351

Vocational Assessment System and Cooperative Work Experience Model for Disabled Students.

Project Director: Hans, David

Organization: Vista College, Peralta Community College District, 2020 Milvia Street, Berkeley, CA 94704

Telephone: (415) 841-8431

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 01-61267-3-0-448

Funding Period: Start Date 01 Sep 79; End Date 30 Sep 80

Fiscal Year Funding: \$79,642

Descriptors: *Disabilities, *Work Experience Programs, *Student Evaluation, *Cooperative Education, *Student Placement X, College Students, Affirmative Action, School Community Relationship, Career Counseling, Postsecondary Education, Job Skills

Identifiers: State, Proposal

A model program which will assess vocational competencies of disabled students at Vista College, prescribe appropriate training, and place them in training and on-the-job work experiences will be developed to help disabled students become assimilated into the work place. Students will be placed in community work sites, and college staff will provide on-the-job support and supervision. Employers will be provided with support services including consultation on removing physical barriers and affirmative action hiring practices. An advisory committee consisting of employers, vocational instructors, and students will evaluate the program. A final report will be prepared with recommendations for replication.

Curriculum Development (Sec. 133)

000027

Visual Communication: Drafting Learning Modules.

Project Director: Bush, Keith

Organization: East Side Union High School District, 830 North Capitol Avenue, San Jose, CA 95133

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 303

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$36,000

Descriptors: *Curriculum Guides, *Learning Modules, *Competency Based Education, *Graphic Arts, *Drafting, Curriculum Development, Secondary Education, Visual Arts

Identifiers: State, Proposal

Based on competencies developed by the Orange Unified School District, course outlines for grades 7-12 and learning modules for grades 7-10 will be developed for the drafting segment of the visual communications cluster. Statewide dissemination of the learning modules, each with a variety of instructional materials for both students and teachers, will allow maximum mobility for students developing the competencies necessary for entry-level occupations and technical specialization.

000028

Learning Activity Packages.

Project Director: Bender, Vivian

Organization: Riverside County Superintendent of Schools, 4015 Lemon Street, Riverside, CA

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 304

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,690

Descriptors: *Learning Activities, *Learning Modules, *Health Occupations, *Competency Based Education, Curriculum Development, Allied Health Occupations Education, Nursing, Medical Assistants, Dental Assistants, Dental Hygienists, Dental Technicians, Nurses Aides, Hospital Personnel, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

From previously completed core curriculum guides in dental auxiliary, nursing, medical assisting, and hospital health service occupations, at least three learning activity packages (LAPs) will be developed for each of the four areas. Strategies will be included to reduce the unbalanced ratios between males and females in current health occupation enrollments and to enable disadvantaged and handicapped students to develop occupational skills. Four consultants selected and hired from at least two different local education agencies will head writing workshops; health occupation teachers, advisory committee members from the four areas, health program administrators, and currently enrolled or former students will be volunteer assistants. The materials will be field reviewed and revised.

000352

In-service Skill and Competency Workshops—Upgrading the Curriculum for Programs Related to the Agricultural Chemical Industry.

Project Director: Gish, Vearl

Organization: Sierra Joint Community District, 5000 Rocklin Road, Rocklin, CA 95677

Telephone: (916) 624-3333

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 31-66963-3-0-352

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 81

Fiscal Year Funding: \$6,374

Descriptors: *Advisory Committees, *Agricultural Chemical Occupations, *Agricultural Education, *School Business Relationship, *Job Skills, *Community Colleges, Postsecondary Education

Identifiers: State, Proposal

An advisory committee composed of five agricultural chemical industry representatives and five agriculture instructors will be established to develop new job descriptions for the industry and articulate appropriate curriculum guidelines for the community college. Results will be disseminated through annual meetings and conferences of both groups. Guidelines for subsequent annual evaluations of industry-education relationships will be developed.

000353

Health Careers Curriculum Module Development.

Project Director: Munz, Larry M.

Organization: San Bernardino County Superintendent of Schools, 602 S Tippecanoe Avenue, San Bernadino, CA 92415

Telephone: (714) 383-2091

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 36-10363-3-0-308

Funding Period: Start Date 02 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$4,500

Descriptors: *Health Occupations, *Allied Health Occupations Education, *Advisory Committees, *School Community Relationship, *Program Evaluation, Resource Materials, Sex Fairness, Student Recruitment

Identifiers: State, Proposal

In one component of this project, a module will be developed to explain in detail how to organize and use advisory committees for

overall program review and improvement in overcoming sex bias, and in helping to recruit and retain disadvantaged and handicapped students in health careers programs. The second module will show how to efficiently select, schedule, and use community-based facilities to help prepare students in health careers. An evaluation instrument which will measure the effectiveness of the modules in accomplishing program improvement and appropriateness of in-service presentation and format presented will be included. Three hundred copies of the modules will be prepared and disseminated at the spring conference of the California Association of Health Career Educators.

000354**Electricity/Electronics Curriculum Guide—Phase 3.**

Project Director: Bush, Keith

Organization: East Side Union High School District, 830 N Capitol Avenue, San Jose, CA 95133

Telephone: (408) 926-7603

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 43-69427-3-0-312

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 81

Fiscal Year Funding: \$56,000

Descriptors: *Electronics, *Electrical Occupations, *Curriculum Guides, *Learning Modules, *Competency Based Education, Instructional Materials, Technical Occupations, Secondary Education, Grade 11, Grade 12, Trade And Industrial Education

Identifiers: State, Proposal

In phase 3 of this project, technical curriculum materials in electricity and electronics for grades 11 and 12 will be completed. Using the competency-based cluster approach previously developed, the project will formulate twenty-six additional instructional learning modules which will provide the students with the competencies for entry-level occupations and specialization. The modules together with the curriculum guide outline will provide both the student and teachers with an updated, articulated, and cohesive program to meet the technical needs of the area.

000464**Vocational Agricultural Curriculum Guideline Development.**

Project Director: Thompson, O. E.

Organization: University of California, Davis, CA 95616

Telephone: (916) 752-1804

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 57-30023-3-0-306

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 81

Fiscal Year Funding: \$44,990

Descriptors: *Agricultural Education, *Core Curriculum, *Introductory Course, *Instructional Materials, *Competency Based Education, Curriculum Development, Behavioral Objectives, Teacher Developed Materials

Identifiers: State, Proposal

Project staff will complete curriculum guidelines for a core course, "Introduction to Agriculture," designed to familiarize students with career opportunities in seven agriculture job cluster areas. Guidelines for "Agricultural Supplies and Services," "Agricultural Mechanics," and "Agricultural Production Volume 2" will be prepared in camera-ready form. The first draft of the curriculum materials for "Agricultural Products and Processing" and "Agricultural Resources" and "Rural Recreation" also will be completed. The units will be based on competencies identified by employers from farming and industry. Teachers will write performance objectives, teaching outlines, learning activities, and suggested resource materials for each unit. The curriculum specialist will work with an advisory committee of teachers to develop the general framework and timetable for completing the units.

000355**Development of Attitudinal Components for the California Business Education Program Guide.**

Project Director: Whitman, Patricia D.

Organization: Los Angeles County Superintendent of Public Schools, 9300 East Imperial Highway, Downey, CA 90242

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 19-10199-3-0-309

Funding Period: Start Date 15 Feb 80; End Date 30 Jun 81

Fiscal Year Funding: \$20,000

Descriptors: *Learning Modules, *Multimedia Instruction, *Office Occupations Education, *Student Attitudes, *Work Attitudes, Instructional Materials, Values Education, Decision Making Skills, Consumer Education, Business Education

Identifiers: State, Proposal

Four multimedia instructional modules in the following areas will be developed: positive attitudes and values to facilitate success, leadership decision-making skills, economic understandings and consumer decisions and their relationship to job performance, and business organization and operation. Each module will contain a student instructional manual, teacher's guide, pre- and posttest, student working papers, and appropriate cassette tapes and slides or film strips. The materials will be appropriate for all office education students including disadvantaged, handicapped, and limited English-speaking. The modules will contain materials to help students deal with problems of sex bias and sex stereotyping and will be reviewed to ensure that they are not biased or discriminatory.

000465**In-service Workshops on New and Emerging Agricultural and Natural Resources Occupations Instructional Materials.**

Project Director: Thompson, O. E.; Leising, James

Organization: University of California, Davis, CA 95616

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 57-30023-3-0-0353

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 81

Fiscal Year Funding: \$10,813

Descriptors: *Instructional Materials, *Agricultural Education, *Minicomputers, *Agricultural Technicians, Community Colleges, Inservice Education, Computer Oriented Programs

Identifiers: State, Proposal

Curriculum and instructional materials will be developed to enable community college agriculture instructors to train technicians in the use of minicomputers in industry-related functions. An advisory committee comprising agricultural instructors at community colleges and experts from the human development department will be formed. Instruments for five-year evaluation will be developed, and all materials will be disseminated in three regional in-service workshops.

000236**Visual Communication: Drafting Course Outlines and Learning Modules.**

Project Director: Bush, Keith

Organization: East Side Union High School District, 830 N. Capitol Avenue, San Jose, CA 95133

Telephone: (408) 926-7500

Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 43-69427-3-0-303

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$36,000 (Charged to FY 1979)

Descriptors: *Course Descriptions, *Learning Modules, *Drafting, *Instructional Materials, *Technical Occupations, Secondary Education, Job Skills

Identifiers: State, Proposal

Course outlines and individualized learning modules for the drafting segment of the visual communications cluster curriculum guide will be developed for grades 7-12. Instructional modules which will contain materials for both students and teachers for grades 7-10 also will be developed. Curriculum materials will reflect the special needs of a diversified ethnic population and of local industries. The learning modules will provide students with the necessary competencies for entry-level occupations and technical specialization.

000325**Learning Activity Packages.**

Project Director: Bender, Vivian
Organization: Riverside County Superintendent of Schools, 4015 Lemon Street, Riverside, CA 92509
Telephone: (714) 686-1740
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract/Control No.: 33-10330-3-0-304
Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80
Fiscal Year Funding: \$19,690
Descriptors: *Dental Assistants, *Nursing, *Instructional Materials, *Allied Health Occupations Education, *Health Materials, *Learning Modules, Sex Fairness, Medical Assistants
Identifiers: State, Proposal

A minimum of three learning activity packets (LAPs) will be completed for each of four previously completed core curriculum guides on dental auxiliary occupations, nursing, medical assisting, and hospital health services. The LAPs will be free from sex bias and stereotypes and will include strategies to improve the balance of males and females in the programs. The LAPs also will be designed for disadvantaged and handicapped students. Four project consultants and volunteers selected from health occupations teachers, advisory committee members, health program administrators, and students will participate in the project development. In-service workshops will be held to disseminate the LAPs.

000029

Update the Administration of Justice Curriculum.

Project Director: Blanchard, Robert
Organization: 923 Group, 1511 Sedalia Place, Riverside, CA 92506
Telephone: (714) 686-3106
Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 8530
Funding Period: Start Date 08 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$24,000
Descriptors: *Instructional Materials, *Criminology, *Legal Education, Two Year Colleges, Higher Education
Identifiers: State, Proposal

The administration of justice curriculum for use in community college programs statewide will be updated by reviewing the present curriculum, selecting a curriculum development committee which will solicit suggestions for changes from colleges and practitioners, incorporating these changes, and disseminating the curriculum. One thousand copies of the curriculum will be printed.

000326

New Curriculum for Business Education.

Project Director: Nelken, Ira
Organization: Ira Nelken and Associates, Inc, 315 Orient Street, Chico, CA 95926
Telephone: (916) 895-8177
Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 8534
Funding Period: Start Date 08 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$64,680 (Charged to FY 1979)
Descriptors: *Competency Based Education, *Business Education, *Clerical Occupations, *Finance Occupations, *Entry Workers, Community Colleges, Secondary Education, Adult Education, Postsecondary Education
Identifiers: *Emerging Occupations, State, Proposal

A comprehensive, performance-based instructional program based on the California business education program guide format will be developed for use in community colleges and adult and high schools. Curriculum and instructional strategies will focus on four new and emerging occupations in business education: legal and medical clerical, banking and finance, and word processing. Tasks performed by entry-level workers will be defined; performance objectives developed; and criterion-referenced performance tests developed, validated, and revised. Nine one-day workshops will be presented statewide. Three thousand copies each of the four publications will be printed.

001626

Industrial Education Articulation Model 7-14.

Project Director: Nadolski, Myron
Organization: Los Rios Community College District, 4700 College Oak Drive, Sacramento, CA 95841
Telephone: (916) 484-8355
Sponsoring Agency: California State Dept. of Education, Sacramento

Contract/Control No.: 34-67371-3-0-305
Funding Period: Start Date 01 May 80; End Date 30 Jun 81
Fiscal Year Funding: \$30,000
Descriptors: *Articulation Education, *Inservice Education, *Industrial Education, Workshops, Elementary Secondary Education, Postsecondary Education
Identifiers: State, Proposal

Elements of a successful articulation of industrial education grades 7-14 will be identified, alternate approaches to implementing a successful articulation model will be developed, and one alternative articulation approach will be implemented. A minimum of three workshops will be held to demonstrate the alternate methods to industrial education staff, local education agency administrators, and community college staff.

COLORADO

Research (Sec. 131)

000466

Improvement of Postsecondary Vocational Funding.

Project Director: Stoddard, Jack

Organization: Larimer County Vocational-Technical Center for CCLA, P.O. Box 2397, Fort Collins, CO 80522

Telephone: 226-2500

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: R 80-1

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,337

Descriptors: *Financial Policy, *Educational Finance, *Federal Aid, *State Aid, *Recordkeeping, Postsecondary Education

Identifiers: State, Proposal

Project staff will analyze the flow of state and federal dollars to the program level within the four delivery systems of postsecondary vocational education; analyze total institutional dollar flow by obtaining fiscal data on sources of revenue and expenditure; revise and improve the fiscal reporting forms in relation to postsecondary vocational education; provide accurate and manageable fiscal data to local decision makers; and develop recommendations for improvements and alternatives in funding systems and reporting procedures. An existing measurement instrument will be revised and field tested during this phase. In addition, a synopsis will be provided of other states' systems.

000329

Area Vocational School Delivery System.

Project Director: Spooner, Kendrick L.

Organization: Center for Education and Management, Inc, 25455 Weld County Road 50, Kersey, CO 80644

Telephone: 284-6274

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: R 80-2

Funding Period: Start Date 01 Jan 80; End Date 30 Aug 80

Fiscal Year Funding: \$19,495

Descriptors: *Area Vocational Schools, *Delivery Systems, *Program Evaluation, *Administrative Personnel, Management Information Systems, Secondary Education

Identifiers: State, Proposal

A management information system review of each area vocational school (AVS) delivery system will be conducted to describe the structure, services, programs, problems, and other characteristics; the impact of services to students; and the local school administrators' perceptions of the AVS system. Secondary school and AVS administrators will be surveyed, and site reviews of selected area vocational schools and their cooperating schools will be completed. A final evaluation report and abstract will be prepared, and a presentation will be made at the Colorado vocational education workshop.

000328

Identification of Factors Causing No-Shows and Noncompleters in Vocational Education Programs.

Project Director: Spooner, Kendrick L.

Organization: Center for Education and Management, Inc, 25455 Weld County Road 50, Kersey, CO 80644

Telephone: 284-6274

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: R 80-4

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$9,160

Descriptors: *Dropout Identification, *School Holding Power, *Dropout Prevention

Identifiers: State, Proposal

This study will identify no-shows for vocational programs, non-completers of vocational programs, and reasons why students do not show up for class or do not complete programs. Recommendations will be developed to improve the percentage of completers and decrease the number of no-shows. Counselors also will be surveyed. A final technical report and a popularized final report will be written; a presentation will be made at a summer workshop.

000030

Replication of the Role Study of Local Vocational Directors for Comprehensive High Schools (Continuation).

Organization: Colorado State University, Department of Vocational Education, Ft. Collins, CO 80523

Telephone: (303) 491-5758

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: R 80-6

Funding Period: Start Date 01 Jan 80; End Date 30 Sep 80

Fiscal Year Funding: \$14,661

Descriptors: *Administrator Responsibility, *Administrator Role, *Administrator Qualifications, *Occupational Information, *Vocational Directors, *Task Analysis, Job Analysis

Identifiers: State, Proposal

This project is phase 2 of a project to determine the administrative tasks and responsibilities of local directors of vocational and technical education in comprehensive high schools, and to determine the elements to be included in local vocational directors' job descriptions and job specifications. Questionnaires validated during phase 1 will be sent to local vocational directors and their immediate supervisors. An advisory committee composed of personnel from the Colorado Council of Local Administrators, teacher educators, and planning and evaluation personnel will be used throughout the project. Products will include a list of typical administrative tasks performed by local vocational directors and typical job descriptions and specifications.

000327

Comparison of the Relative Benefits of Associate Degrees Versus Certificates in Vocational Education.

Project Director: Luchsinger, Leland B.

Organization: Colorado State University, Fort Collins, CO 80523

Telephone: 491-5267

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: R 80-7

Funding Period: Start Date 08 Feb 80; End Date 30 May 80

Fiscal Year Funding: \$4,949

Descriptors: *Employer Attitudes, *Associate Degrees, *Certificates, Job Skills

Identifiers: State, Proposal

Major employers of vocational program graduates will be surveyed to determine whether any significant differences exist in the way employers view and accept vocational program graduates with AA/AAS degrees versus those with certificates or AOS degrees. The relative merits, if any, to vocational program graduates of associate degrees versus certificates or AOS degrees, when programs are of equal occupational content, quality, and length, will be determined. A literature review will be completed. A final report and a valid, reliable, tested instrument for surveying business and industry will be produced.

Exemplary and Innovative (Sec. 132)

000216

Identification, Selection, Testing, and Recruitment of Students for Occupational Programs.

Project Director: Lancaster, Stan

Organization: Boulder Valley School District RE-2, 6600 Arabahoe Road, Boulder, CO 80303

Telephone: (303) 447-1010

Sponsoring Agency: Colorado State Dept. of Education, Denver

Funding Period: Start Date 01 Jan 79; End Date 31 Dec 80

Fiscal Year Funding: \$17,843 (Charged to FY 1979)

Descriptors: *Student Testing, *Student Recruitment, *Program Evaluation, *Enrollment, Grade 10, Secondary Education, Information Dissemination

Identifiers: State, Proposal

Recruitment of sophomore students at Fairview and Boulder high schools will be enhanced by implementing a validated process to meet enrollment and completion needs. Features of the process include repeated informational presentations about vocational education programs and individual attention in the form of program tours, counselor interviews, and testing prior to enrollment. In addition, a recruitment process report designed to assist other centers in developing, implementing, and evaluating an effective, comprehensive recruitment process will be developed and disseminated. The report will serve as an information base for future recruitment activity planning at Boulder.

001627

Model Business and Office Block Program for Urban Schools.

Project Director: Stapp, Robert L.

Organization: Douglas County High School, 2842 High School Road, Castle Rock, CO 80104

Telephone: 688-3166

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: E80-2

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$10,000

Descriptors: *Business Education, *Office Occupations Education, *Cooperative Education, *Work Experience, *Simulation, *Learning Modules, Secondary Education

Identifiers: State, Proposal

A realistic, practical learning experience for business and office education students will be provided in an office-like environment. Instruction will be provided primarily through minilearning activity units. Entry students will be provided with a two-hour block of team teaching. Advanced students will be provided with the two-hour block and also will be required to work in a cooperative office education program or practical office simulation.

001628

Identification and Development of Pilot Schools for Programs in Marketing and Distributive Education in Sparsely Populated Areas of Colorado.

Project Director: Smith, Thomas D.

Organization: University of Northern Colorado, Greeley, CO 80639

Telephone: 351-2147

Sponsoring Agency: Colorado State Dept. of Education, Denver

Contract/Control No.: E80-3

Funding Period: Start Date 01 Jan 80; End Date 15 Sep 80

Fiscal Year Funding: \$15,875

Descriptors: *Instructional Materials, *Inservice Education, *Marketing, *Distributive Education, *Part Time Faculty, *Teacher Education, Curriculum Development

Identifiers: State, Proposal

A model will be developed and implemented for preparing local personnel as part-time marketing and distributive education teachers in small schools; curriculum materials for use by the pilot schools also will be developed. State-of-the-art preservice teacher preparation units will be adapted for in-service workshops to include seminars, classroom instruction, and visits to marketing and distributive education programs. Products will include presentation workshops for prospective schools and promotional brochures.

CONNECTICUT

Research (Sec. 131)

000467

Project Mainstream: Shop Theory Curriculum Development Using Audiovisual Aids with Special Needs Students in a Vocational-Technical School Setting.**Project Director:** Emery, Jean M.; Hoyle, Janis B.**Organization:** Harvard H. Ellis Regional Vocational-Technical School, 76 Hubbard Drive, Danielson, CT 06239**Sponsoring Agency:** Connecticut State Dept. of Education, Hartford**Contract/Control No.:** 913800-80201**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$11,400 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Shop Curriculum, *Educational Alternatives, *Instructional Materials, *Mainstreaming, **Disabilities**Identifiers:** State, Proposal

Trade theory concepts which need the most reinforcement for special needs students will be determined. Curriculum packets, including teacher-made supplements, modifications, and suggestions for implementation will be developed to accompany newly purchased audiovisual and programmed curriculum materials. Instructors will receive in-service training in the use of alternative teaching methods and materials to foster a more positive attitude toward mainstreaming handicapped students.

001583

Measuring and Improving School Climate.**Project Director:** Genova, William J.**Organization:** TDR Associates, Inc, Newton, MA**Sponsoring Agency:** Connecticut State Dept. of Education, Hartford**Contract/Control No.:** PS 79-1841**Funding Period:** Start Date 16 Apr 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000 (Charged to FY 1979)**Descriptors:** *Institutional Characteristics, *Student Attitudes, *Teacher Attitudes, *Teacher Effectiveness, *Student Motivation, *Teacher Motivation**Identifiers:** State, Proposal

Volunteer vocational school teams will be trained to measure and improve their school climate. Students' perception of school climate will be related to factors such as program and course selection, motivation, performance, sex, race, attendance, and dropout rate. The school climate as it affects teachers will be related to their morale and teaching effectiveness. Thirteen school climate factors, specific to the individual school, will be used to establish how different students and teachers perceive the climate of their school and how their perceptions affect their effort, motivation, and performance. A questionnaire will be administered, and a school climate improvement plan will be presented to the schools.

000468

Teaching, Learning, and Curriculum: Putting It All Together for Vocational Education.**Project Director:** Hanson, J. Robert**Organization:** Government Studies and Systems, Inc, Philadelphia, PA**Sponsoring Agency:** Connecticut State Dept. of Education, Hartford**Contract/Control No.:** PS79-1856**Funding Period:** Start Date 04 Sep 79; End Date 31 Mar 80**Fiscal Year Funding:** \$17,400 (Charged to FY 1979)**Descriptors:** *Transfer Of Training, *Teaching Methods, *Teaching

Models, *Vocational Education Teachers, *Teacher Workshops, Educational Needs

Identifiers: State, Proposal

Twenty-five vocational educators will be trained as turnkey trainers for the teaching, learning, and curriculum model designed to teach vocational educators how to address the learning needs of all students, especially females, minority students, and nonstandard English-speaking students. A training resource notebook will be provided to each participant, and onsite observations will be made of each participant using the model.

001584

Developing Curriculum-Based Assessment Instruments Emphasizing Basic Work Skills to be Used in Vocational Programs.**Project Director:** Juzwic, William**Organization:** Norwich Board of Education, Norwich, CT**Sponsoring Agency:** Connecticut State Dept. of Education, Hartford**Contract/Control No.:** PS 79-1874**Funding Period:** Start Date 16 May 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,700 (Charged to FY 1979)**Descriptors:** *Educational Assessment, *Test Construction, *Educational Testing, *Outcomes of Education, Job Skills, Employer Attitudes**Identifiers:** State, Proposal

Assessment exercises will be developed to make accessible short, easily administered instruments to provide information about the extent to which youth are developing skills, attitudes, and abilities important in many occupations. Vocational instructors will rate assessment exercises for relevance to specific vocational curricula and determine patterns of performance for selected exercises. Employers of high school graduates will rate the importance of the assessment exercises across occupations. Packages of the exercises will be distributed for duplication.

001585

Evaluation of the Relevance of the Vocational Agriculture Programs to the Changing Economy of Connecticut.**Project Director:** Mannebach, Alfred J.**Organization:** University of Connecticut, Storrs, CT**Sponsoring Agency:** Connecticut State Dept. of Education, Hartford**Contract/Control No.:** PS79-1907**Funding Period:** Start Date 15 Jun 79; End Date 30 Jun 80**Fiscal Year Funding:** \$45,137 (Charged to FY 1979)**Descriptors:** *Agricultural Education, *Program Development, *Cooperative Planning, *Educational Planning**Identifiers:** State, Proposal

Through joint planning by the Connecticut State Department of Education and the University of Connecticut, a study will be conducted to gather information needed by policy and decision makers to plan and implement programs in vocational agriculture. Data will be collected through interviews, observation, attitude inventory, literature review, and document analysis. An advisory committee will help identify problems, react to project materials and recommendations, and suggest solutions. Project staff and the steering committee will be responsible for addressing those problems which are relevant to the future growth and development of vocational agriculture in the area. The project will be evaluated.

001582

Development of Occupational Task Strategies and Training-time Standards for Cooperative Vocational Education.

Project Director: Pargament, Richard
Organization: Metis Associates, Inc, 1775 Broadway, Suite 2204, New York, NY 10019
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1908
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$27,816 (Charged to FY 1979)
Descriptors: *Cooperative Education, *Food Service Occupations, *Training Objectives, *Time Factors Learning, *On the Job Training, Postsecondary Education
Identifiers: State, Proposal

Two management tools to help cooperative vocational teachers improve the quality of their students' out-of-school training experience will be developed. A general methodology for establishing these tools will be developed, and the methodology will be applied to develop task structures and training-time standards for food service trades. The occupational task structure will help teacher-coordinators determine which occupational tasks should be mastered for given occupational titles. Training-time standards will provide an objective basis for determining length of training and monitoring the pace of training.

000469

Survey and Conduct a Needs Assessment of Vocational Students and Programs in Connecticut's Community College System.

Project Director: Swartz, Carl
Organization: Mohegan Community College, Norwich, CT
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS80-2042
Funding Period: Start Date 23 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$6,000 (Charged to FY 1979)
Descriptors: *Needs Assessment, *Community Colleges, *Program Evaluation, *Student Attitudes, *Educational Needs, Teacher Attitudes
Identifiers: State, Proposal

A questionnaire will be used to assess the needs and attitudes of students and faculty of vocational education programs in Connecticut's community college system. The study will determine the needs for vocational education for community college students, the kinds of vocational courses desired, why students choose vocational education, and whether adequate offerings are available to all who desire them. Recommendations on the advisability and availability of vocational education curricula in relation to student's desires, local labor market statistics, and the master plan for vocational education will be made.

001586

Study to Determine the Need for Vocational Training in the Hamden and New Haven Public Schools Based on an Assessment of the Economic Complex of the Region.

Organization: Hamden-New Haven Cooperative Education Center, 1450 Whitney Avenue, Hamden, CT 06517
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Funding Period: Start Date 30 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$5,000
Descriptors: *Labor Market, *Occupational Surveys, *Employment Opportunities, *Employment Patterns, *Employment Projections, School Business Relationship
Identifiers: State, Proposal

A survey of the labor market in the New Haven/Hamden area will be conducted in cooperation with the Greater New Haven Chamber of Commerce to determine the need and opportunity for more vocational training; describe the economy with emphasis on employment trends; identify critical occupations in the area; and interview personnel managers at twenty or more of the larger employers to determine job vacancies, training skills required, minimum educational requirements, sex equity, and suggestions for improving available training. A report will be prepared to include conclusions and recommendations about the feasibility of program development or modification. Students' interests in working in and receiving training for those critical occupations established in the study will be assessed.

001587

Assessment of Student Selection Criteria and Their Relationship to Academic Achievement and the Development of a Follow-up Procedure—Phase 2.

Project Director: Whinfield, Richard W.
Organization: University of Connecticut, School of Education, Storrs, CT
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Funding Period: Start Date 01 Apr 80; End Date 01 Apr 81
Fiscal Year Funding: \$16,000
Descriptors: *Educational Assessment, *Student Characteristics, *Academic Achievement, *Admission Criteria, *Followup Studies, *Longitudinal Studies, Postsecondary Education, Secondary Education, School Holding Power, Success
Identifiers: State, Proposal

The relationship of student characteristics and achievement to admissions criteria will be studied for freshmen in Connecticut regional vocational and technical schools to evaluate admission criteria and recommend alternatives or modifications. Appropriate instruments, with tests for reliability and validity, will be developed for use in a follow-up system after the sample group students leave or complete school. The overall purpose of the long-range project will be to conduct a longitudinal study to obtain more precise information about the relationship of admission procedures to school achievement (including retention) and success in the labor market.

Exemplary and Innovative (Sec. 132)

000470

Pilot Program to Provide Ownership Skills to Seniors in the Vocational-Technical Schools and Other Educational Institutions (Continuation).

Project Director: Rooke, John T.
Organization: Norwich Regional Vocational-Technical School, Norwich, CT
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: 610600-80271
Funding Period: Start Date 01 Aug 79; End Date 31 Jul 79
Fiscal Year Funding: \$12,400 (Charged to FY 1979)
Descriptors: *Business Education, *Business Skills, *Learning Modules, Secondary Education, High School Seniors, Curriculum Development
Identifiers: State, Proposal, *Small Business Management

A fifty-four hour business principles module will be designed for twelfth grade students to make them aware of special abilities needed to succeed in small business ownership. The course will include the following topics: choosing a small business, reasons for business success or failure, physical facilities, financing a small business, business records, law and insurance for the small business owner, personnel management, franchises, and automation.

001588

Training for Marine and Related Occupations.

Project Director: Schafer, Larry
Organization: Area Cooperative Educational Services, New Haven, CT
Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS 79-1832
Funding Period: Start Date 14 May 79; End Date 30 Jun 80
Fiscal Year Funding: \$34,990 (Charged to FY 1979)
Descriptors: *Maintenance, *Boat Operators, *On The Job Training, Repair, Seafarers, Experiential Learning, Entry Workers, Job Skills, Trade and Industrial Education, Secondary Education, Career Development
Identifiers: State, Proposal

Forty-two high school students will be trained for marine and related occupations which include developing skills in hand and power tool operation, basic yacht carpentry, rib replacement, hull refasten-

ing, seam caulking, wood identification, hull painting, bright work refinishing, marine engine maintenance and marine electronics. Training also will include on-the-job training at local marinas with instruction in basic theory and operation of boat handling and maintenance and navigation. In addition, participants will deal with job attitudes, communication skills, computational skills, positive work habits, decision-making skills, and career development.

001589

Model Solar Energy Training Program for Vocational Education Teachers.

Project Director: LaSalle, Donald

Organization: Talcott Mountain Science Center for Student Involvement, Montevideo Road, Avon, CT 06001

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS 70-1843

Funding Period: Start Date 01 Jun 79; End Date 30 Jun 80

Fiscal Year Funding: \$21,900 (Charged to FY 1979)

Descriptors: *Solar Radiation, *Inservice Teacher Education, Job Skills, Experiential Learning, Energy, Secondary Education Teachers

Identifiers: State, Proposal

A six- to eight-credit model training and curriculum program will be offered to high school vocational teachers for two semesters to enable them to provide solar energy technician training to their students. The course will emphasize solar thermal application (space and water heating) and will be detailed enough to enable teachers to direct student projects. Teachers also will have access to curriculum materials dealing with solar energy for study and professional use. The academic teacher training program will be supplemented by laboratory work to educate teachers about the potential of solar energy, to develop hands-on skills, and to help them understand the nature of solar energy testing and evaluation procedures. After the pilot project is completed, Talcott Mountain Science Center will offer the course as part of its educational services for the University of Hartford.

000471

In-service Training Film and Workshop on Sex Equity in Vocational Education.

Project Director: Yosha, Patricia

Organization: West Hartford Public Schools, Hartford, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1873

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$42,500 (Charged to FY 1979)

Descriptors: *Inservice Education, *Films, *Sex Stereotypes, *Career Guidance, *Workshops, Sex Frirness, Training Methods

Identifiers: State, Proposal

A one- to one-and-a-half hour training module including a film and workshop components for teachers, administrators, and parents will be developed to give viewers opportunities for obtaining information and experience in reshaping traditional sex-role stereotyping attitudes and behavior. The module also will help expand the awareness of sex bias in existing educational programs and instructional materials, and aid in eliminating sex-role stereotyping in guiding young people in educational and vocational choices.

000356

Hispanic Vocational Exploration Project.

Project Director: Fletcher, Lillian Morales

Organization: Nuestra Casa, Inc, 60 Jay St. New London, CT 06320

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1875

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,600

Descriptors: *Spanish Speaking, *Student Recruitment, *Occupational Aspiration, *Career Exploration, *Educationally Disadvantaged, Regional Schools

Identifiers: State, Proposal

Orientation courses will be offered to small groups of Hispanic youths at regional vocational and technical schools to broaden the occupational aspirations and opportunities for youth with academic, socioeconomic, or other handicaps. An ongoing dialogue with the vocational and technical schools will be initiated to evaluate the validity of the project and to explore other possibilities for serving this population and increasing the number of Hispanic students in vocational schools.

000472

Career and Occupational Awareness Program.

Project Director: Matthey, Eileen

Organization: East Lyme High School, Box 210, East Lyme, CT 06333

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1878

Funding Period: Start Date 01 Jul 79; End Date 25 Jun 80

Fiscal Year Funding: \$3,000 (Charged to FY 1979)

Descriptors: *Career Education, *Career Guidance, *Employment Opportunities, Curriculum Development, Program Design, Secondary Education, Grade 10

Identifiers: State, Proposal

A course will be offered each semester to tenth grade students to make them aware of job opportunities and trends locally, statewide, and nationally. The course will include field trips, audiovisual presentations, class discussions, role playing, assigned readings, and individual counseling. Students will be able to identify their interests and abilities and relate them to specific jobs. The course will prepare students for entering either the cooperative work experience program or other vocational training programs in grades 11 or 12.

000473

Implementation of a Carpentry, Building Maintenance, and Custodial Services Curriculum within a Special Education Setting.

Project Director: Meadows, Otha

Organization: Cooperative Educational Services, Norwalk, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1905

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$47,653 (Charged to FY 1979)

Descriptors: *Carpenters, *Custodian Training, *Behavior Problems, *Special Programs, *Special Education, Maintenance, Curriculum Development, Advisory Committees

Identifiers: State, Proposal

An advisory committee of local professionals in carpentry, building maintenance and custodial services, cooperative educational services staff, and labor organization representatives will be established. Project staff will design a one-year program, and develop long-term goals, performance objectives, lesson plans, and exams. Staff will be trained in behavior management techniques. Students with behavioral problems will be exposed to occupations in carpentry, building maintenance, and custodial services; they will be pretested and assigned to instructional groups. As vocational-technical schools in the region do not currently incorporate a behavioral management system which provides low-level, high interest reading materials, nor vocational training on a large scale to behaviorally maladjusted youth, the program will serve as a model for implementing similar curriculum statewide. A final report will be delivered.

000475

Positive Alternatives for the Conservation of Energy.

Project Director: McDonald, John

Organization: Stamford Public Schools, Stamford, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-190

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,700 (Charged to FY 1979)

Descriptors: *Energy Conservation, *Work Experience Programs, *Disadvantaged Youth, *Basic Skills, Agency Cooperation, Coordination

Identifiers: State, Proposal

Twenty to thirty innercity disadvantaged students who express an interest in energy conservation and for whom traditional academic classes have not been successful will participate in a program incorporating basic reading and math skills and hands-on experience. An alternate energy technology curriculum will be introduced, and a program manual developed. Students will receive stipends for after school and summer work installing energy related equipment. Linkages with the Stamford Neighborhood Preservation Program and the Committee on Training and Employment will be developed.

000474

Career Exploration Program.

Project Director: Nash, Samuel

Organization: New Haven Public Schools, New Haven, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS79-1936

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$18,400 (Charged to FY 1979)

Descriptors: *Career Education, *Career Choice, *School Community Relationship, *School Business Relationship, *Occupational Information, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

This two-year project will establish fifteen career learning sites with New Haven area employers covering many of the fifteen career clusters designated by the U.S. Office of Education with an emphasis on those with favorable job outlooks. Twenty students will be identified at the end of their sophomore year to participate in a two-year career program. The program will begin with an eight-week, 120-hour career course where students will be introduced to the career clusters, skills and abilities required by various occupations, related training programs, and decision-making skills and will begin to identify areas of interest. These students will then be placed in two career learning sites, in addition to their regular academic courses, where they will investigate between six and eight occupations in their area of interest. During their senior year, the students will focus on two occupations and begin to identify and apply to postsecondary training programs.

Curriculum Development (Sec. 133)

001590

Project Curriculum Organization and Development (COD) 5.

Project Director: Smith, Robert D.

Organization: Central Connecticut State College, New Britain, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Contract/Control No.: PS 79-1879

Funding Period: Start Date 15 May 79; End Date 30 Jun 80

Fiscal Year Funding: \$40,000 (Charged to FY 1979)

Descriptors: *Instructional Materials, *Inservice Teacher Education, *Special Education, *Curriculum Guides, Curriculum Development, Disadvantaged Disabilities, Guidelines

Identifiers: State, Proposal, *Emerging Occupations

Curriculum guides will be developed or updated to reflect the changing technological needs of occupations and curriculum guidelines as mandated by state and federal laws for the handicapped and the disadvantaged will be revised and updated. Through in-service activities, project staff will update curriculum development skills of vocational-technical personnel. Curriculum guides will be delivered.

001591

Development of a Vocational Curriculum Resource Center.

Project Director: Ross, Raymond

Organization: Central Connecticut State College, New Britain, CT

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Funding Period: Start Date 21 Jan 80; End Date 30 Jul 80

Fiscal Year Funding: \$25,200

Descriptors: *Curriculum Study Centers, *Information Dissemination, *Clearinghouses, *Information Networks, Resource Centers, Resource Materials, Information Centers

Identifiers: State, Proposal

A vocational curriculum resource center will be established to make curriculum resource materials available to all Connecticut individuals, institutions, and agencies concerned with improving vocational education. Specific objectives will include serving as a clearinghouse for the acquisition, microfiche reproduction, storage, and intrastate dissemination of curriculum resources materials available from national, regional, and local sources; creating and maintaining a microfiche collection of materials developed within the state; serving as a subcenter of the Northeast Network for Curriculum Coordination and establishing cooperative arrangements with other local, regional, and national facilities; using a systematic procedure for processing, storing, and disseminating curriculum materials, and publicizing center activities and resources through newsletters and resource listings. An intrastate network of liaison personnel will be established to disseminate specific resource materials locally in microfiche form. A library of hard copy materials will be organized for in-house use.

001592

Curriculum Development for Agencies and Institutions Served by the Bureau of Vocational Services.

Project Director: Winer, Ellen N.

Organization: Northeastern University, Center for Secondary School Work Experience Education, New Britain, CT

Telephone: (617) 437-3444

Sponsoring Agency: Connecticut State Dept. of Education, Hartford

Funding Period: Start Date 21 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$51,000

Descriptors: *Instructional Materials, *Material Development, Curriculum Development, Business Education, Industrial Arts, Disadvantaged, Distributive Education, Health Occupations, Home Economics, Trade and Industrial Education, Work Experience Programs

Identifiers: State, Proposal

Curriculum development in the following areas will be reviewed, revised, and updated: business and office, Future Business Leaders of America, industrial arts, handicapped and disadvantaged, marketing and distributive education, health occupations, home economics, cooperative work experience, and trade and industrial education. Consultants responsible for each of the nine curriculum projects will identify specific tasks to fulfill objectives, select individuals to carry out the tasks, monitor the implementation of each project, and approve the final draft.

DELAWARE

Research (Sec. 131)

000476

Achieving Sex Equity in Business and Office Occupations.

Organization: Delaware Department of Public Instruction, Dover, DE

Sponsoring Agency: Delaware State Dept. of Public Instruction, Dover

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,500

Descriptors: *Curriculum Development, *Learning Modules, *Sex Fairness, *Office Occupations, Occupational Information, Data Processing Occupations, Accountants, Managerial Occupations, Clerical Occupations

Identifiers: State, Proposal

A set of five, seven-part modules will be developed and five copies produced to provide career information and training to help students relate their interests, needs, and abilities to opportunities in business management, accounting, data processing, management assistant, and clerical occupations. Each module will contain an introduction, background information, student work sheets, suggested activities, evaluations, suggested resources, and a slide/tape presentation. The modules will also serve as lesson plans on sex equity issues for business and office occupations programs.

000477

Slide/Tape: Nontraditional Business Careers for Men and Women.

Organization: Goldey Beacom College, 4701 Limestone Road, P O Box 5047, Wilmington, DE 19808

Sponsoring Agency: Delaware State Dept. of Public Instruction, Dover

Fiscal Year Funding: \$2,500

Descriptors: *Sex Stereotypes, *Office Occupations Education, *Business Education, *Attitude Change, *Audiovisual Instruction, Slides, Secondary Education

Identifiers: State, Proposal

A fifteen-minute slide/tape presentation for Delaware high school students will be produced, aimed at eliminating sex-role stereotypes in office occupations and business careers. It will include historical perspective on the development of traditional roles, the current status of these roles, and the movement toward career paths which can develop from traditional roles. Focus will be on developing an awareness that men and women can compete for all types of positions in the business world; that men, as well as women, can begin their careers through entry-level office positions; and that women, as well as men, can advance to the executive level.

FLORIDA

Research (Sec. 131)

000031

Provisions for a Consultative Research Associate for Vocational Education (Continuation).

Project Director: Hinely, W. Hugh

Organization: Florida State University, Tallahassee, FL 32306

Telephone: 644-6029

Sponsoring Agency: Florida State Dept. of Education, Tallahassee

Contract/Control No.: 0-1C11

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$64,670

Descriptors: *Evaluation Methods, *Human Resources, *Needs Assessment, *Technical Assistance, Educational Benefits, Interagency Cooperation, Program Coordination

Identifiers: State, Proposal

The services of one professional and three OPS individuals will be purchased to coordinate statewide efforts to improve vocational education research and development. In working with Florida State University's research and development section, the bureau of vocational research, dissemination and evaluation, and the vocational industrial arts department, the consultative research associate will be responsible for identifying statewide research and development and coordinating the assignment of priority needs with division and department priorities; identifying available human resources and coordinating the development of additional resources to conduct vocational research and development activities at universities; providing consultative and technical assistance in the preparation and submission of invited research and development projects; auditing management aspects of projects and consulting with project staff concerning budgets, allocation of personnel, and evaluation methods of funded vocational research and development projects at universities; and developing and maintaining liaison with federal, state, and local educators conducting research and development projects at the university level. Through the consultant, realistic priorities of research and development products and processes needed to expand the benefits of vocational education programs and courses to students, educators, and the general public will be provided. The OPS personnel will assist in disseminating research products. A final report will be delivered.

000032

Development of an Evaluation Model for the Implementation of Competency-Based Education (Continuation).

Project Director: Hinely, W. Hugh

Organization: Florida State University, Tallahassee, FL 32306

Telephone: 664-6029

Sponsoring Agency: Florida State Dept. of Education, Tallahassee

Contract/Control No.: 0-1C15

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$40,000

Descriptors: *Competency Based Education, *Instructional Materials, *Material Development, *Media Selection, *Audiovisual Aids, *Teaching Guides, Slides, Transparencies, Audiotape Recordings

Identifiers: State, Proposal

Camera-ready copies of the Florida Approach to Competency-Based Individualized Teaching (FACIT) materials will be produced and major deficiencies in the FACIT system will be eliminated. Project staff will complete production of all FACIT materials, complete preparation of "A Teacher's Guide to the Implementation of Competency-Based Vocational Education," produce a revised instruction for the DILE simulation, and produce camera-ready copy of guidelines for reviewing and selecting instructional materials. In addition to the teacher's guide and simulation instruction booklet, the

following products will be delivered: camera-ready copies of fifty-five instructional booklets, sixteen slide sets suitable for reproduction as filmstrips, sixteen overhead transparencies, and duplicate masters for twenty-four audiotapes.

000033

Vocational Reading and Math Competency-Based Teacher Education (CBTE) Project (Continuation).

Project Director: Hinely, Hugh

Organization: Florida State University, Tallahassee, FL 32306

Telephone: 644-6029

Sponsoring Agency: Florida State Dept. of Education, Tallahassee

Contract/Control No.: 0-1C16

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$35,000

Descriptors: *Delivery Systems, *Reading Programs, *Programed Instruction, *Competency Based Teacher Education, Program Development, Learning Modules, Systems Development, Curriculum Development, Mathematics Instruction

Identifiers: State, Proposal

A project to design, develop, field test, and evaluate a vocational reading competency-based teacher education delivery system will be continued. This teacher training system, designed with a competency-based approach, includes—a set of individualized, self-paced learning modules based on previously identified teaching competencies, assessment criteria and learning activities for each component, a management system for activities and modules, and a delivery system. Previously developed modules will be further tested and revised, using a system model of instructional design. Programmed instructional units will be evaluated by a panel of experts and field tested using one-on-one, small and large group testing. Additional modules will be developed as needed.

000357

Computerized Management System for Competency-Based Curriculum.

Project Director: Shumate, Gloria

Organization: St. Petersburg Vocational-Technical Institute, P.O. Box 4860, Clearwater, FL 33518

Sponsoring Agency: Florida State Dept. of Education, Tallahassee

Contract/Control No.: 0-1C11

Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80

Fiscal Year Funding: \$35,000

Descriptors: *Computer Managed Instruction, *Competency Based Education, *Program Effectiveness, *Articulation Education, *Educational Planning, Academic Achievement, Job Placement, Followup Studies

Identifiers: State, Proposal

Project objectives will include facilitating the conversion from traditional to competency-based curricula, computerizing the management of student competencies, measuring program effectiveness, and providing student placement and follow-up information. A model computerized management system for competency-based vocational education will be developed. Procedures will include identifying specific programs and competencies to be computerized, developing a system for generating data, utilizing data to implement competency-based programs and to measure student achievement for job placement, and assessing student achievement data for program planning and articulation between vocational programs and institutions.

000358

Context Evaluation and Status Study of Vocational Education in Florida.

Project Director: Stakenas, Robert

Organization: Florida State University, Tallahassee, FL 32306
Telephone: (904) 644-6435
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-2C21
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$19,500
Descriptors: *Research Reports, *Program Descriptions, *Educational Policy, Program Evaluation
Identifiers: State, Proposal

The background and status of vocational education in Florida will be studied and interpreted to produce a comprehensive description to provide a basis for planning and evaluating current programs and for determining the validity of current vocational education policy. A design will be developed for the study. After the reported data has been distributed, the study will be revised based on evaluation information. A final report will be delivered.

000359

Health Education Consortium.

Project Director: Gullede, Earl
Organization: Okaloosa-Walton Junior College, Niceville, FL 32578

Telephone: (904) 678-5111
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C11
Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$50,000
Descriptors: *Articulation Education, *Allied Health Occupations Education, *Consortia, *Nursing Education, *Job Skills, Allied Health Personnel, Institutional Cooperation
Identifiers: State, Proposal

A consortium to improve articulation of programs for health care workers will be formed to meet a projected need for increased numbers of health care workers. A working task force of nursing faculty representing participating schools, health agencies, industry representatives, and the state board of nursing will be organized to formulate a plan for strategies to enhance career mobility based on a study of existing models. A list of competencies for each of the five levels of nursing will be determined. Additionally, an advisory committee composed of representatives of institutions in the consortium and regional industry will be established. An operational plan for implementation of an articulated nursing program is expected to result.

000360

Study to Determine the Impact of Basic Skills and Functional Literacy Requirements on Meeting the Vocational Needs of Secondary Schools.

Project Director: Thomas, Hollie B.
Organization: Florida State University, Tallahassee, FL 32306
Telephone: (904) 644-6298
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C19
Funding Period: Start Date 1 July 79;
Fiscal Year Funding: \$17,500
Descriptors: *Enrollment Influences, *Test Results, *Functional Literacy, *Remedial Programs, *Student Evaluation, Surveys, Secondary Education, School Holding Power, Educational Assessment, Admission Criteria, Basic Skills
Identifiers: State, Proposal

Using a mechanized information system as a source for rate of failure by district and enrollment figures for vocational programs, staff will conduct a survey to assess the impact of the state student assessment test on the participation of secondary students in vocational education. Remediation practices and their results, the effects of functional literacy and basic skills tests on vocational education course enrollment, and the holding power of vocational programs will be among the areas investigated. Based on data analysis a final report including recommendations will be delivered.

000034

Study to Develop a Guide for the Acquisition of Funded Projects from the Florida Division of Vocational Education.

Project Director: Thomas, Hollie
Organization: Florida State University, Tallahassee, FL 32306
Telephone: (904) 644-6298
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C12
Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$20,770
Descriptors: *Guides, *Proposal Writing, *Financial Support, *Research Proposals
Identifiers: State, Proposal

A guide which explains the process used to establish research priorities and procedures for applying for project funds, including defining relevant funding jargon and establishing a uniform procedure for all proposals, will be developed. Distribution of the manual should increase the number of people who can write successful proposals, especially at community colleges and local education agencies.

000361

Systematic Model for Validating Equipment Uses in Selected Marketing and Distributive Education Programs.

Project Director: Buckner, Leroy; Gildan, Kate
Organization: Florida Atlantic University, Boca Raton, FL 33432
Telephone: (305) 395-5100
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C11
Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$4,800
Descriptors: *Educational Equipment, *Marketing, *Distributive Education, *Equipment Utilization, Check Lists, Use Studies, Job Skills
Identifiers: State, Proposal

A model for equipment selection, based on competencies needed for employment in selected specialized programs, will be developed, validated, and field tested. The model will be used to update and validate existing equipment lists. An onsite visitation will be conducted to determine equipment use and visits to industry doing business in the selected areas will be conducted to produce a comprehensive list of competencies and related equipment needs. A panel of experts will be convened to validate equipment selection.

000362

Systematic Approach to the Establishment and Validation of Equipment Standards in Selected Program Areas.

Project Director: Heggen, James
Organization: Florida A&M University, Tallahassee, FL 32307
Telephone: (904) 599-3529
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C11
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80
Fiscal Year Funding: \$30,000
Descriptors: *Equipment Standards, *Space Utilization, *Purchasing, *Equipment Maintenance
Identifiers: State, Proposal

One or more systematic approaches to establish and validate equipment standards in selected program areas and a formula for determining the space requirement for each piece of equipment will be developed and field tested. Criteria will be established for equipment standards and validation procedures, taking into consideration systems now used. The project should result in a model for selecting, purchasing, and maintaining vocational education equipment. A final report will be delivered.

000363

Assessment of Needs Related to Sex Bias and Sex-Role Stereotyping in Florida Vocational Programs.

Project Director: Sorg, Steven
Organization: University of Central Florida, Orlando, FL 32816
Telephone: 345-2286
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C11
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$25,000

Descriptors: *Needs Assessment, *Sex Bias, *Sex Fairness, Sex Role, Sex Stereotyping, Measurement Techniques
Identifier: State, Proposal

An existing method will be used to assess needs relative to sex bias and sex-role stereotyping in Florida vocational education programs. An advisory committee of sex equity experts will generate goal statements describing ideal conditions; instruments will be developed and field tested for use in surveying perceived practices concerning sex bias and sex-role stereotyping. Priorities will be assigned to identified needs, and a final report of the findings will be delivered.

000035

Catalog of Innovations Development, 1980.

Project Director: Hinely, Hugh
Organization: Florida State University, Tallahassee, FL 32306
Telephone: (904) 644-6029
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C17
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$5,000
Descriptors: *Educational Innovation, *Annotated Bibliographies, *Information Dissemination, *Program Descriptions, *Research Projects
Identifier: State, Proposal

A catalog of innovations development for 1980 will provide vocational education personnel with information about exemplary programs and familiarize them with research projects which are influencing vocational education practices in Florida. Descriptions of each research project will include the scope, purpose, and findings.

001629

Occupational Employment Statistics for Agriculture.

Project Director: O'Hara, John S.
Organization: Florida Department of Labor and Employment Security, Office of Research and Analysis, Tallahassee, FL
Telephone: (904) 488-1048
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1C21
Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$10,000
Descriptors: *Agricultural Education, *Employment Opportunities, *Educational Planning, *Labor Market, *Agricultural Occupations, Community Colleges, Secondary Education
Identifier: State, Proposal

A statewide occupational staffing pattern will be developed and estimates of employment and job openings in agriculture prepared. Agriculture firms to be surveyed will be determined, questionnaires mailed, and data collected and processed. By comparing labor market needs for each occupation with the supply of trained persons available from the districts and community colleges, planning staff can assist coordinating councils in making recommendations for training responsibilities. A final report will be delivered.

001630

Establishing a Competency-Based Vocational Education Demonstration Site at Ridge Vocational-Technical Center in Polk County.

Project Director: Hampton, William
Organization: Polk County Board of Public Instruction, Winter Haven, FL 33880
Telephone: (813) 533-2161
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-2C21
Funding Period: Start Date 01 Jul 79; End Date 30 Jul 80
Fiscal Year Funding: \$60,000
Descriptors: *Competency Based Education, *Learning Modules, *Management Systems, *Staff Development, *Individualized Instruction, *Demonstration Centers, Grading, Audiovisual Instruction
Identifier: State, Proposal

To establish a fully operational site for open entry-open exit, individualized, competency-based vocational education, project staff

will conduct a continuous competency-based staff development program; develop student learning guides that provide a management system for competency-based vocational programs; develop and field test a competency-based vocational grading system; obtain and develop mediated instructional materials; and organize shops, laboratories, and classrooms for competency-based vocational education.

Exemplary and Innovative (Sec. 132)

000213

Third-Party Evaluation of a Demonstration of a Secondary and Postsecondary Experience-Based Career Education Program.

Project Director: Bashaw, W. L.
Organization: Education Evaluation Services, Inc, P.O. Box 5993, Athens, GA
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 790 073
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$30,000
Descriptors: *Program Evaluation, Secondary Education, Postsecondary Education, Curriculum Development, Demonstration Projects, Instructional Materials, Learning Modules
Identifier: State, Proposal, *Experience Based Career Education Program

The evaluation, resulting in the availability of a curriculum delivery system combining the world of work with knowledge acquisition for secondary and postsecondary students, will be effected by translating each project objective, student product objective, and student process objective into a series of questions. Evaluators will attend monthly task force meetings and developmental work sessions and periodically visit county staffs, local schools, and sample students and site resource persons from whom survey data will be obtained. Telephone interviews will be conducted with a sample of parents. In addition, the super career development inventory will be administered as a pretest and a posttest. Products will be curriculum content modules in math, science, social studies, English, and life career skills; a management system; a guidance component; and a resource teacher manual.

000320

Florida Vocational-Technical Education Consortium of States (V-TECS) Development Project.

Project Director: Hunter, Wallace D.
Organization: Florida A&M University, Tallahassee, FL 32307
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-2E21
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$75,000
Descriptors: *Task Analysis, *Behavioral Objectives, *Competency Based Education, *Criterion Referenced Tests, Secondary Education, Postsecondary Education, Check Lists
Identifier: *Vocational Technical Education Consortium States, State, Proposal

Catalogs of competencies in selected occupational areas or domains will be developed. Each catalog, consisting of performance objectives, performance guides, and tool and equipment lists, will be developed by a survey using a systems approach. This method, used by each of the sixteen member states of the consortium, will include analysis of the state of the art of the occupation, and development and administration of an occupational inventory. A survey of incumbent workers and computer analysis of the results will provide validated performance objectives and guides for each competency. The completed catalogs will be used as the basis for development of curriculum instructional materials in vocational education and will be distributed at both the secondary and postsecondary level.

000364

Reduction of Sex Stereotyping in Vocational Education Programs.

Project Director: Becker, William J.

Organization: University of Florida, Gainesville, FL 32611
Telephone: (904) 392-0502
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1D11
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$25,638
Descriptors: *Sex Stereotypes, *Program Effectiveness, Literature Reviews
Identifiers: State, Proposal

A literature search will be conducted to identify activities effective in reducing sex stereotyping. Programs in Florida which have been successful in eliminating stereotyping and activities which have been implemented will be identified and contrasted with less successful programs and activities. An advisory committee of four teacher educators and four regional supervisors will serve as consultants. A research report will be delivered.

000226

Pilot Project to Identify Sex-Role Factors Affecting the Employment of Vocational Students in Selected Occupational Areas.

Project Director: Wichowski, Chester
Organization: Florida International University, Miami, FL 33199
Telephone: (305) 552-2711
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1D12
Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$14,632
Descriptors: *Occupational Surveys, *Employment Opportunities, *Sex Role, *Sex Bias, Sex Fairness, Sex Discrimination, Measurement Techniques
Identifiers: State, Proposal

A study will be conducted to assess selected occupational areas which are traditionally dominated by one sex in the local labor market to determine which specific psychological and physical barriers may still be a hindrance to sex equity. Staff will consult with labor groups and establish an advisory committee. Literature will be reviewed, an instrument will be developed and adjusted for content validity, target occupational areas will be identified and sampled, and data will be analyzed. Results will be disseminated to vocational teachers, counselors, administrators, and other interested persons.

000365

Designers' Showcase House Student Project.

Project Director: Shumate, Gloria
Organization: St. Petersburg Vocational-Technical Institute, P.O. Box 4688, Clearwater, FL 33518
Telephone: (813) 442-1171
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1D13
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80
Fiscal Year Funding: \$2,500
Descriptors: *Interior Design, *Experiential Learning, *School Community Relationship, *School Business Relationship, Public Relations
Identifiers: State, Proposal

Students will create plans for individual rooms of the designers' showcase house which will be evaluated by advisory committee members. Students will then submit isometric working drawings of any custom furniture to be fabricated, place orders for any supplies needed, and submit a detailed budget. Students will gain hands-on experience in estimating and ordering, and confidence in their skills and in their ability to communicate with the public. The business and professional community, as well as the public, will become aware of the program and of the abilities of the students. A final report, a brochure, and a photo series will be prepared.

000366

Study to Identify the Unique Criteria and Standards Needed for the Development of Successful Bilingual Vocational Education Programs.

Project Director: Thomas, Hollie B.

Organization: Florida State University, Tallahassee, FL 32306
Telephone: (904) 644-6298
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1B31
Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80
Fiscal Year Funding: \$10,000
Descriptors: *Bilingual Education, *Educational Principles, *Cultural Differences, *Teacher Characteristics, *Standards, English Second Language, Equal Education
Identifiers: State, Proposal

This project will result in uniform standards for bilingual vocational education programs to help assure Florida's limited-English-speaking population equal access to vocational education, and, therefore, to equal employment opportunities. Staff requirements unique to working with limited-English-speaking students; facilities, equipment, and materials needed for teaching such students; curriculum components; and cultural and philosophical differences among the students, teachers, and the dominant population will be identified. Criteria and standards for bilingual vocational education programs will be developed and a process model for those standards developed and field tested. A final report will be delivered.

001631

Evaluation of the Vocational Preparation and Success of Handicapped Individuals Who Reside in Rural Areas of Florida.

Project Director: Schwartz, Stuart
Organization: University of Florida, Gainesville, FL 32611
Telephone: (904) 392-3261
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1D41
Funding Period: Start Date 30 Apr 80; End Date 30 Jun 80
Fiscal Year Funding: \$20,800
Descriptors: *Special Education, *Disabilities, *Educational Planning, *Rural Areas, *Vocational Adjustment, Secondary Education, Success, Employment Statistics
Identifiers: State, Proposal

Project staff will determine the number, quality, and description of vocational and special education preparation programs available to rural handicapped persons; examine the employment situation in rural areas and the adult adjustment of handicapped individuals who have had high school vocational training; identify exemplary programs and practices for vocational training for handicapped persons; assist selected local education agencies in rural areas to develop program applications for field testing proposed programs; and continue working with a previously identified advisory committee from rural counties. State department of education data and labor employment agency statistics for rural counties will be reviewed. Vocational and special education teachers and administrators, occupational specialists, guidance counselors, curriculum specialists, and other school personnel will be consulted to obtain information for the educational model to be developed. The final report will be in two sections: one on the project and one describing alternative plans for the best practices for rural settings which should be investigated further.

Curriculum Development (Sec. 133)

000036

Florida Educator's Information Service (Continuation).

Project Director: Lathrop, Robert
Organization: Florida State University, Tallahassee, FL 32306
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract/Control No.: 0-1E11
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$124,000
Descriptors: *Information Services, *Instructional Materials, *Information Retrieval, *Educational Resources, Curriculum Research, Administrative Personnel, Information Dissemination, Competency Based Education
Identifiers: State, Proposal

An information search service will be developed to identify and acquire the instructional materials and research results developed in Florida and elsewhere. The service will provide information about

and access to these materials and will assist all vocational instructors, supervisors, administrators, and division personnel in obtaining copies of desired materials, including microfiche. This availability of in-depth searches and recent information and research evaluation and material development will assist educators to develop and install competency-based programs.

GEORGIA

Research (Sec. 131)

000037

Membership in the Vocational-Technical Education Consortium of States (V-TECS) (Continuation).

Project Director: Eaddy, Ken
Organization: Vocational-Technical Education Consortium of States, 795 Peachtree Street, NE, Atlanta, GA 30308
Telephone: (404) 875-8011
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract/Control No.: C-306
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$20,000

Descriptors: *Behavioral Objectives, *Competency Based Education, *Criterion Referenced Tests, *Task Performance, Articulation Education, Check Lists, Postsecondary Education, Secondary Education, Technical Assistance

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

Job-specific catalogs of performance objectives and performance guides will be produced at greatly reduced costs, and articulation will be established between secondary and postsecondary programs as a result of Georgia's membership in V-TECS. Quality control and technical assistance will be provided in developing catalogs and guides, and in applying the performance objectives to develop and revise curriculum. Periodic meetings for board members will be held to obtain their input on directions and products. New state consortium personnel will be trained, and all personnel will be informed of changes in procedures and requirements.

000330

Project to Develop and Field Test a Student Assessment System.

Project Director: O'Kelly, George, Jr
Organization: University of Georgia, 628C Aderhold Hall, Athens, GA 30602

Telephone: (404) 542-3891
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Funding Period: Start Date 01 Dec 79; End Date 30 Nov 80
Fiscal Year Funding: \$75,000
Descriptors: *Equivalency Tests, *Transfer Policy, *Student Evaluation, *Student Records
Identifiers: State, Proposal

A student assessment system for transferring credit will be designed and a student competency record consistent with Georgia's needs developed to complete the initial cycle of the state's articulation effort. Conditions and procedures for credit by waiver or examination will be identified. Strategies for performance testing on a sampling basis and domain-referenced tests in selected occupations will be developed. The system will be field tested and validated. An executive summary, admissions guide, competency verification guide, and final report will be prepared.

000367

Work Experience Program for Postsecondary State and Area Vocational-Technical Schools in Georgia.

Project Director: Eason, Ken
Organization: Athens Area Vocational-Technical School, U.S. Highway 29 North, Athens, GA 30601
Telephone: (404) 549-2360
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract/Control No.: 98436
Funding Period: Start Date 08 Apr 80; End Date 30 Apr 81
Fiscal Year Funding: \$6,250

Descriptors: *Experiential Learning, *Career Counseling, *School Business Relationship, *Work Experience Programs, Postsecondary Education, Special Education

Identifiers: State, Proposal

A model postsecondary vocational and technical work experience program will be developed, field tested, revised, and implemented. The program will allow students to identify their strengths and weaknesses, provide vocational guidance for employment success, facilitate adjustment for special needs students, and develop school industry relationships by providing opportunities for employers to observe employees and evaluate occupational programs. An implementation guide also will be developed.

000368

Comprehensive Achievement Monitoring.

Project Director: Byrd, Judy; Wright, Gerry
Organization: Griffin-Spalding School System, P.O. Drawer N, Griffin, GA 30224
Telephone: (404) 227-9478

Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract/Control No.: 98542
Funding Period: Start Date 20 May 80; End Date 31 Dec 80
Fiscal Year Funding: \$5,000

Descriptors: *Computer Programming, *Behavioral Objectives, *Pretests, Posttests, Achievement Tests

Identifiers: State, Proposal

As a management tool for vocational and math teachers, computer programming for a comprehensive achievement monitoring project (CAM) will be purchased; and a system of course objectives with pretests, posttests, and retest items will be developed and automated. Potential impact will relate to evaluating the system for possible standardization of vocational objectives and test items and adoption in other school systems. The system will provide a management tool for teachers. A final report will be delivered.

000038

Occupational Proficiency Training Program (OPT).

Project Director: Pate, James L.
Organization: Mitchell County High School, Camilla, GA 31730
Telephone: (912) 336-5201
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract/Control No.: 98631
Funding Period: Start Date 02 Jun 80; End Date 30 Jun 80
Fiscal Year Funding: \$15,000

Descriptors: *Academic Failure, *Academic Achievement, *Remedial Programs, *Nontraditional Education, *Skill Development, Elementary Secondary Education, Job Skills, Basic Skills, Longitudinal Studies

Identifiers: State, Proposal

An alternative vocational education program designed to meet the needs of students unsuccessful in the regular school program will be developed. Academic problems will be identified as early as possible at least by middle school and remediation designed. Vocational guidance and counseling skills and procedures will be identified and improved, and data for further study will be provided. Reading and computational skill levels for all students in grades K-12 will be maintained. Students aged fourteen or older and two years or more behind their peers' grade level may request enrollment in the OPT program with parental or guardian consent. The program will emphasize proficiency in an occupational skill; a certificate of occupational proficiency will be awarded upon successful completion of the program. OPT students who improve their academic skills may re-enter the regular general education program if they wish. The three-year project will provide data for longitudinal study regarding (1) the academic skill levels at which students succeed or fail in a regular program, (2) in-

crease or decrease in academic skill levels of vocational students, (3) comparison of changes in academic skill levels (if any) of vocational students with nonvocational students, and (4) reading and math skill levels at which a student can reasonably expect to succeed in a regular vocational program. An annual report and model program will be delivered.

000241

Planned Business-Industry Vocational Education Exchange Program.

Project Director: Fowler, Harmon

Organization: Georgia State University, University Plaza, Atlanta, GA 30303

Telephone: (404) 658-2500

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98302

Funding Period: Start Date 07 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,500

Descriptors: *School Business Relationship, *School Community Relationship, *Community Resources, School Counselors, Postsecondary Education

Identifiers: State, Proposal

A model will be developed for an exchange program between the school, business and industry, with procedures for its implementation in addition to an inventory of industries with training capabilities. Procedures will include recruiting resource persons from the community to serve as student advisers; providing opportunities for vocational instructors to obtain experience in business and industry; and facilitating the participation of employers, employees, and labor unions in postsecondary institutions. Copies of the implementation guide will be delivered.

001632

Correcting and Improving the Self-paced, Competency-based Welding Curriculum.

Project Director: Seymour, James

Organization: Educational Consultants of J&M Ltd, PO Box 296, Colbert, GA 30628

Telephone: (404) 788-2854

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98112

Funding Period: Start Date 31 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,500

Descriptors: *Welding, *Audiovisual Aids, *Instructional Materials, Curriculum Development, Electricity, Measurement, Sex Fairness, Secondary Education

Identifiers: State, Proposal

Necessary corrections in the audiovisual aids of at least twenty competency-based welding units and in the written materials of at least thirty-five units will be made. Staff will add audiovisual aids and scripts where needed; new units on electricity, measurement and tolerance, and MIG pipe welding; and a flagging system to signal students when instructor checkpoints are required. Existing curriculum will be reviewed to note errors in content, inferior photography, and poor synchronization of tapes and slides. Materials will be rewritten to eliminate sex bias and stereotyping.

001633

Career Guidance Model.

Project Director: Hefner, Homer

Organization: Gilmer County Comprehensive High School, Ellijay, GA

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98294

Funding Period: Start Date 13 Dec 79; End Date 31 Dec 80

Fiscal Year Funding: \$6,725

Descriptors: *Guidance Programs, *Models, *Career Guidance, *Needs Assessment, Secondary Education, School Holding Power, Job Placement

Identifiers: State, Proposal

A comprehensive career guidance model for high school vocational programs will be developed, field tested, and published to increase student retention, decrease the dropout rate, and increase job place-

ment rates by providing more comprehensive guidance and counseling before training begins. A needs assessment and literature review will be conducted. The model design will include parent and student surveys and existing supportive, exploratory, and guidance programs. A master copy of an operations manual also will be produced.

001634

Study on Staffing Needs of Postsecondary Vocational-Technical Schools in Georgia.

Project Director: Jacobs, Dan K.

Organization: Associated Educational Consultants, Inc, PO Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98606

Funding Period: Start Date 23 May 80; End Date 31 May 81

Fiscal Year Funding: \$47,998

Descriptors: *Needs Assessment, *School Personnel, *Staff Role, *Staff Utilization, Job Analysis, Faculty Workload, School Organization

Identifiers: State, Proposal

To provide a valid basis for allocating nonteaching staff for postsecondary area vocational-technical schools, state-operated technical and vocational schools, vocational divisions of junior colleges, and adult vocational centers, as well as for state board review of cost effectiveness to provide information for general assembly appropriations, the current use of existing nonteaching staff will be assessed. Project staff will determine the generic functions to be performed by a postsecondary area vocational and technical school; the number, classification, and job description for personnel needed to operate each school; and a method for quantifying workloads. A comprehensive staffing guide with recommended organizational charts and job descriptions will be developed. A final report and executive summary also will be produced.

001635

Development of Vocational-Technical Education Consortium of States (V-TECS) Catalogs.

Project Director: Seymour, James

Organization: Educational Consultants of J&M Ltd, PO Box 296, Colbert, GA 30628

Telephone: (404) 788-2854

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98632

Funding Period: Start Date 12 Jun 80; End Date 15 Sep 81

Fiscal Year Funding: \$45,864

Descriptors: *Behavioral Objectives, *Criterion Referenced Tests, *Roofers, *Masonry, *Competency Based Education, Task Analysis, Check Lists, Evaluation Criteria, Secondary Education, Postsecondary Education

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

Two V-TECS catalogs in the domain areas of roofer and concrete worker will be developed, field tested, and printed. A state-of-the-art study will be conducted and an occupational inventory compiled. A final report will be delivered.

Curriculum Development (Sec. 133)

001593

Implementation of the PICA Curriculum.

Project Director: Treadaway, Bill

Organization: PICA Foundation, Inc, PO Box 4487, Charlotte, NC 28204

Telephone: (704) 334-6444

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98018

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 79

Fiscal Year Funding: \$52,985

Descriptors: *Individualized Instruction, *Graphic Arts, *Printing, Inservice Teacher Education, Instructional Materials, Secondary Education

Identifiers: State, Proposal

To implement an individualized curriculum in eighteen graphic arts programs in Georgia, graphics arts instructors will participate in a five-day workshop to include analysis of the fifty-eight unit guide, purpose and use of SIPS, purpose and use of lesson plans, applications of performance and achievement tests, establishment of a file system, and creation of a project assignment sheet and routing sheet.

000040

Membership in the American Association for Vocational Instructional Materials Consortium (Continuation).**Project Director:** Paraday, Harold**Organization:** American Association for Vocational Instructional Materials, Athens, GA 30602**Telephone:** (404) 542-2586**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Contract/Control No.:** 98504**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,000**Descriptors:** *Instructional Materials, Agriculture, Industrial Arts, Trade and Industrial Education**Identifiers:** *American Assn Vocational Instructional Materials, State, Proposal

Georgia's membership in the consortium will entitle state and local education agencies to reduced rates on curriculum materials in the areas of industrial arts, agriculture, and trade and industrial education. The consortium publishes a catalog of available materials and also distributes performance-based teacher education modules.

000041

Adapting Existing Group-Structured Curriculum at Augusta Area Technical School to a Performance-Based Curriculum Geared to the V-TECS Catalog—Phase 3.**Project Director:** Powell, Raymond C.**Organization:** Augusta Area Technical School, 2025 Lumpkin Road, Augusta, GA 30906**Telephone:** (444) 793-3470**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$35,000**Descriptors:** *Behavioral Objectives, *Competency Based Education, *Inservice Education, Curriculum Development, Secondary Education, Postsecondary Education, Articulation Education, Adoption Ideas, Staff Development, Criterion Referenced Tests, Program Development**Identifiers:** *Vocational Technical Education Consortium States, State, Proposal

Course outlines will be developed for each diploma program at Augusta Technical School. A workshop will be implemented for faculty and staff to identify the major competencies for each course. For these competencies, evaluation instruments will be developed. A record will be kept of events, resources, and strategies used in the project. In addition, a staff development guide will be produced to direct the transition from a group-structured approach to performance-based education. The curriculum will be adapted and developed to meet the needs of disadvantaged and handicapped students, and serve as a basis for articulation between secondary and postsecondary programs.

000039

Shorthand Project.**Project Director:** Rash, Doris J.**Organization:** Pica Foundation, 3542 C-20, Tall Oaks Apartments, Decatur, GA 30032**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Contract/Control No.:** 98101**Funding Period:** Start Date 16 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,500**Descriptors:** *Stenography, *Instructional Materials, *Audiovisual Aids, *Individualized Programs, Curriculum Development, Postsecondary Education, Adult Vocational Education**Identifiers:** State, Proposal

Twenty-eight postsecondary and adult vocational institutions in Georgia will be provided with an individualized shorthand curriculum, including written shorthand materials prepared for reproduction. A written report on field test results will be prepared for shorthand film loops and audiotapes. The existing status of the written and audiovisual, individualized shorthand materials will be ascertained. Needed corrections and improvements, identified through field test results, will be incorporated into student manuals and teacher guides.

000478

Development of Performance Objectives and Criterion-Referenced Measures for Vocational Programs.**Project Director:** Jacobs, Dan**Organization:** Associated Educational Consultants, Inc, Pittsburgh, PA**Telephone:** (412) 931-2244**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Contract/Control No.:** 98215**Funding Period:** Start Date 01 Nov 79; End Date 23 Jan 81**Fiscal Year Funding:** \$39,500**Descriptors:** *Competency Based Education, *Criterion Referenced Tests, *Behavioral Objectives, Dental Technicians, Refrigeration Mechanics**Identifiers:** State, Proposal, Vocational-Technical Education Consortium States

V-TECHS catalogs and appropriate by-products will be developed and job titles defined for dental laboratory technician and refrigeration mechanic. A state-of-the-art review and an occupational survey will be conducted, and a writing team will convert survey data into performance objectives and performance guides. Sixty camera-ready copies of each catalog will be distributed to member states.

000242

Develop a Self-Paced, Competency-Based Curriculum for Drafting.**Project Director:** Seymour, James W.**Organization:** J and M LTD, Box 296, Colberg, GA 30628**Telephone:** (404) 788-2854**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Contract/Control No.:** 98250**Funding Period:** Start Date 01 Dec 79; End Date 31 May 81**Fiscal Year Funding:** \$45,000**Descriptors:** *Drafting, *Articulation Education, *Behavioral Objectives, *Competency Based Education, *Criterion Referenced Tests, *Student Developed Materials, Secondary Education, Postsecondary Education, Task Analysis, Audiovisual Aids, Teaching Guides**Identifiers:** State, Proposal

A student drafting curriculum will be developed and field tested for use in secondary and postsecondary drafting programs in Georgia. The curriculum will be articulated to enhance mobility between and within educational levels and related to specific job skills. Student exit points will be identified, a continuum of required tasks refined, performance objectives and criterion-referenced tests developed, and appropriate learning activities and instructional modules developed for each task. Final products will include student-written materials, teaching guides, and audiovisuals.

000479

Instructor's Guide for the Machine Shop Project Manual.**Project Director:** Powell, Ray**Organization:** Augusta Area Vocational-Technical School, 2025 Lumpkin Road, Augusta, GA 30904**Sponsoring Agency:** Georgia State Dept. of Education, Atlanta**Contract/Control No.:** 98251**Funding Period:** Start Date 01 Dec 79; End Date 30 Sep 80**Fiscal Year Funding:** \$3,500**Descriptors:** *Shop Curriculum, *Teaching Guides, *Machine Repairs, School Shops**Identifiers:** State, Proposal

An instructor's guide for a machine shop project manual including an introduction, explanation of how to use the manual, identification

of the project, task, job exit point relationships, explanations for each project, and references, will be developed. Projects will be based on a task listing and will use data from the Georgia Task Linkage Project to identify potential exit points.

000480

Machine Shop Project Manual.

Project Director: Powell, Ray

Organization: Augusta Area Vocational-Technical School, 2025 Lumpkin Road, Augusta, GA 30904

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98252

Fiscal Year Funding: \$4,000

Descriptors: *Curriculum Guides, *Machine Repairers, *Shop Curriculum, *Instructional Materials, School Shops

Identifiers: State, Proposal

A machine shop project manual including sections on purpose, project list, and projects will be developed. Each project will be categorized according to the type of machine tools being used, and the project list will present the projects in a logical teaching sequence. Potential student exit points will be identified based on data from the Georgia Task Linkage Project.

000481

Self-Paced, Competency-Based, Articulated Curriculum for the Secondary Electronics Cluster and Postsecondary Radio and Television Services Program.

Project Director: Seymour, James

Organization: J&M Limited, Educational Consultants, P O Box 296, Colbert, GA 30628

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98438

Funding Period: Start Date 15 Feb 80; End Date 15 Apr 81

Fiscal Year Funding: \$75,000

Descriptors: *Articulation Education, *Competency Based Education, *Instructional Materials, *Electronics, *Television Radio Repair, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

An articulated task continuum from the secondary to postsecondary levels will be designed; and self-paced, performance-based instructional materials and teacher guides will be developed, validated, produced, and disseminated. Two thousand copies of student manuals, 100 copies of teacher's guides, one master set of audiovisuals, one copy of the script and story board, and a complete bibliography will be delivered.

001636

Production of Solar Energy Curriculum.

Organization: Georgia Technical Research Institute, Atlanta, GA

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98097

Funding Period: Start Date 20 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,400

Descriptors: *Information Dissemination, *Solar Radiation, Curriculum Development, Postsecondary Education

Identifiers: State, Proposal

Fifty copies each of an instructor's guide and a student manual for the postsecondary solar energy curriculum will be purchased and disseminated to area schools and junior colleges with solar programs.

001637

Purchase of Curriculum Materials.

Project Director: O'Kelly, George L. Jr

Organization: University of Georgia, Athens, Ga 30602

Telephone: (404) 542-3891

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Funding Period: Start Date 01 Nov 79; End Date 31 Dec 80

Fiscal Year Funding: \$100,000

Descriptors: *Instructional Materials, *Teacher Education, Secondary Education, Postsecondary Education, Adult Vocational Education

Identifiers: State, Proposal

Curriculum materials from the curriculum materials center will be purchased and disseminated for use in the New Teacher Institute; open entry teacher training programs; and secondary, postsecondary, junior college, and adult vocational center classrooms.

001638

Purchase of Curriculum Materials.

Project Director: Parady, Harold

Organization: American Association for Vocational Instructional Materials, Engineering Center, Athens, GA

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98249

Funding Period: Start Date 21 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,140

Descriptors: *Information Dissemination, *Electrical Systems, *School Shops, *Safety Education, Secondary Education, Postsecondary Education, Audiovisual Instruction

Identifiers: State, Proposal

Curriculum materials for electrical wiring (300 copies) and shop safety skills (300 copies plus six copies of audiovisuals) will be purchased from the American Association for Vocational Instructional Materials and distributed to all secondary and postsecondary schools and to open entry teacher trainer programs.

001639

Duplicate Cassette Tapes for the Secondary Health Occupations Program Curriculum.

Project Director: O'Kelly, George, Jr

Organization: University of Georgia, Athens, GA 30602

Telephone: (404) 542-3891

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98334

Funding Period: Start Date 29 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,500

Descriptors: *Audiotape Cassettes, *Health Occupations, Secondary Education, Information Dissemination

Identifiers: State, Proposal

Cassette tapes for the secondary health occupations program curriculum will be duplicated and distributed.

001640

Duplicate Cassette Tapes for the Postsecondary LPN Program Curriculum.

Project Director: O'Kelly, George, Jr

Organization: University of Georgia, Athens, GA 30602

Telephone: (404) 542-3891

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98335

Funding Period: Start Date 29 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,200

Descriptors: *Nurses, *Audiovisual Instruction, *Audiotape Cassettes, Postsecondary Education, Information Dissemination

Identifiers: State, Proposal

Cassette tapes for the postsecondary licensed practical nurse program curriculum will be duplicated and distributed to postsecondary area vocational and technical schools.

001641

Revisions to Solar Curriculum.

Organization: Georgia Technical Research Institute, Atlanta, GA 30332

Telephone: (404) 894-4817

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98506

Funding Period: Start Date 28 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,500

Descriptors: *Learning Modules, *Competency Based Education, *Solar Radiation, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Two alternative learning modules for the task of sizing solar systems will be developed including learning activities and student and

teacher competency-based materials. Techniques of sizing which use eighth grade math skills will be identified, and examples of sizing using alternate methods will be prepared.

001642**Revisions of Phase A Welding Curriculum.**

Project Director: Seymour, James

Organization: Educational Consultants of J&M Ltd, PO Box 246, Colbert, GA 30628

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98528

Funding Period: Start Date 15 May 80; End Date 15 Nov 80

Fiscal Year Funding: \$3,500

Descriptors: *Audiovisual Instruction, *Sex Fairness, *Welding, Sex Bias, Sex Stereotypes, Postsecondary Education

Identifiers: State, Proposal

To provide a sex-fair welding curriculum to all postsecondary welding programs in Georgia, existing slides will be replaced to eliminate sex bias and sex-role stereotyping; accompanying scripts and audiotapes will be revised. Changes will be evaluated by a committee of six welding instructors and the research coordinating unit.

001643**Provide Twenty-seven Copies of Audiotapes for Welding Curriculum.**

Project Director: Seymour, James

Organization: Educational Consultants of J&M Ltd, PO Box 246, Colbert, GA 30628

Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Contract/Control No.: 98623

Funding Period: Start Date 12 Jun 80; End Date 30 Sep 80

Fiscal Year Funding: \$650

Descriptors: *Audiotape Cassettes, *Welding, *Audiovisual Instruction, Postsecondary Education, Adult Education

Identifiers: State, Proposal

Twenty-seven audiotapes for use with phases b, c, and d of the postsecondary and adult welding curriculum will be developed and provided to all comprehensive high schools and postsecondary area schools.

GUAM

Exemplary and Innovative (Sec. 132)

000482

Sex Equity Workshop.**Project Director:** Henderson, Donna L.**Organization:** Guam Community College, P O Box 23069, Guam Main Facility, Guam 96921**Sponsoring Agency:** Guam Dept. of Education, Agana**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,159**Descriptors:** *Sex Fairness, *Workshops, *Program Development, Community Colleges, Marriage**Identifiers:** State, Proposal

Project staff will upgrade the sex equity program of Guam Community College. A consultant will review existing sex equity programs and provide information to assist in future development of such programs; conduct a sex equity workshop to inform participants of the legal requirements of sex equity regulation, develop awareness and sensitivity to sex-bias, identify ways of overcoming sex bias, and identify means of developing bias-free educational programs. A presentation, "How Sex-Bias Can Harm a Marriage," will be made to the public.

Curriculum Development (Sec. 133)

000483

Curriculum Development in Apprenticeship Trades.**Project Director:** Williams, Roland**Organization:** Guam Community College, Apprenticeship and Training Division, P O Box 23069, Guam Main Facility, Guam 96921**Sponsoring Agency:** Guam Dept. of Education, Agana**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$19,702**Descriptors:** *Apprenticeships, *Industrial Education, *Articulation Education, Curriculum Development, Postsecondary Education**Identifiers:** State, Proposal

A consultant will write course outlines, develop courses of study, select appropriate texts, evaluate curriculum activities, and monitor the work process for a curriculum development program in apprenticeships. Staff will be selected and trained for industrial education programs, and an articulation system between vocational and apprenticeship education programs will be developed.

IDAHO

Research (Sec. 131)

000221

Planning Phase for Regional Vocational Education Programs in Latah County, Idaho and Whitman County, Washington.

Project Director: Hoyt, James R.
Organization: School District 281, Moscow, ID 83843
Telephone: (208) 882-1120
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract/Control No.: R-55-80
Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$8,000
Descriptors: *Feasibility Studies, *Cooperative Programs, *Regional Cooperation, *Articulation Education, *Regional Programs, Secondary Education, Postsecondary Education
Identifiers: State, Proposal

A plan to determine the implication of offering cooperative multidistrict vocational programs will be developed. Project results are intended to enable staff to reach the following objectives: provide additional vocational opportunities; focus on regional intrastate cooperation; develop programs to use existing offerings more efficiently; establish an umbrella vocational advisory committee; develop a coordinated regional program for secondary and postsecondary students; and further define student needs and interests.

000369

Procedural Manual Relating to Vocational Special Needs and Special Education for Idaho.

Project Director: Parks, A. Lee
Organization: University of Idaho, Moscow, ID 83843
Telephone: (208) 885-6150
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract/Control No.: R-10-80
Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$5,000
Descriptors: *Special Education, *Program Guides, *Needs Assessment, *Program Development, Secondary Education
Identifiers: State, Proposal

A procedures manual for secondary special education needs and programs in Idaho will be developed. Needs will be identified and reviewed. The manual will include organization, planning, and administration; fiscal management; service delivery; personnel; facilities and equipment; student identification; assessment; and individualized education programs. A report of the research will be delivered.

000484

Vocational Curriculum and In-service Needs Assessment.

Project Director: Taylor, Cleve
Organization: University of Idaho, Division of Vocational Teacher Education, Moscow, ID 83843
Telephone: 885-6556
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract/Control No.: R-01-80
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$6,000
Descriptors: *Inservice Teacher Education, *Needs Assessment, *Program Design, *Program Development, *Management Development, *School Counselors, Curriculum Development, Educational Planning
Identifiers: State, Proposal

A list of immediate and future curriculum and in-service needs will be developed and validated with recommended priority for all divisions of vocational education including guidance and administration. A model for determining curriculum and in-service needs of individual

instructors also will be provided. Data from vocational education personnel will be compiled and analyzed and a final report written. The project will provide a data base for program development and design for immediate and future needs.

Exemplary and Innovative (Sec. 132)

000485

Exemplary Forestry and Ranching Program (Continuation).

Organization: Salmon School District 2, Salmon, ID 83467
Telephone: (208) 756-4271
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract/Control No.: E-32-80
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$29,000
Descriptors: *Forestry, *Forestry Occupations, *Pilot Projects, *Agricultural Education, Secondary Education, Lumber Industry
Identifiers: State, Proposal, *Ranching

The exemplary forestry and ranching program at Salmon High School will be continued to further prepare high school students for employment in forestry and ranching occupations. A pilot site for observing and field testing the forestry and ranching option will be established.

000486

Satellite Surgical Technology Program.

Organization: Boise State University, School of Vocational-Technical Education, Boise, ID 83725
Telephone: (208) 385-1441
Sponsoring Agency: JAX35050
Contract/Control No.: E-31-80
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$1,783
Descriptors: *Satellite Facilities, *Surgical Technicians, *Clinical Experience, *Institutional Cooperation, *Allied Health Occupations Education, Nursing, Postsecondary Education, On The Job Training
Identifiers: State, Proposal

A satellite program will be established to train students to become surgical technicians and eligible to take the surgical technician certificate exam as required by the Idaho State Board of Nursing. The satellite program will provide certified surgical technicians for hospitals where clinical facilities are not adequate to justify a full-time program. Students will spend eight weeks in the classroom and laboratory at Boise State University, then go to a sponsoring hospital for clinical experience and to finish required theory study. Instructors will visit sponsoring hospitals to assess clinical experiences available to students, set up the program, and orient the surgery to program goals.

A registered nurse will assign surgical cases as the student is ready for progressively difficult cases, supervise the clinical experience, and evaluate the student's progress. Clinical experience will include, in addition to scrubbing, at least two weeks picking and wrapping instrument packages, selecting supplies needed for the day's cases, obstetrical experiences, and at least ten days' circulating experiences. Satellite students will participate in the same curriculum as in-students through a series of lesson plans. An instructor will visit the clinical area every eight weeks to assess the student's progress and determine if the student is receiving proper clinical experiences.

ILLINOIS

Research (Sec. 131)

000042

Home Economics Learning Materials for Educably Mentally Handicapped Students.**Project Director:** Doolen, Margie**Organization:** Centralia High School District 200, 1000 East Third Street, Centralia, IL 62801**Telephone:** (618) 532-7391**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-E-0413-320**Funding Period:** Start Date 17 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$29,559**Descriptors:** *Instructional Materials, *Occupational Home Economics, *Special Education, *Curriculum Guides, *Exceptional Persons, *Mild Mental Retardation, Curriculum Development, Institutionalized Persons, Foods Instruction, Daily Living Skills, Clothing Instruction**Identifiers:** State, Proposal

A curriculum guide and teaching materials to teach occupational homemaking skills to educable handicapped students will be developed in an orientation to homemaking occupations, foods, clothing, and adult living. The materials will be field tested and evaluated, and a transportable model that can be disseminated through workshops or a visit to the demonstration center at Centralia High School will be created. The materials could be used with a variety of home economics students (e. g. students with low reading levels, learning disorders, low learning abilities) in a variety of learning environments (e. g. institutions for the mentally retarded, regular vocational classes where students are mainstreamed, special education classes where the special education teacher teaches homemaking skills). Three hundred copies of a series of four notebooks will be produced.

000043

Cost Differential Data on Vocational Education Programs.**Organization:** Robert Davis Associates, 3355 Lenox Road, Suite 750, Atlanta, GA 30326**Telephone:** (404) 261-2001**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0138-327**Funding Period:** Start Date 17 Sep 79; End Date 01 Apr 80**Fiscal Year Funding:** \$16,780**Descriptors:** *Program Costs, *School Funds, *Educational Finance, *Financial Policy, *Cost Effectiveness**Identifiers:** State, Proposal

Cost data will be gathered for vocational programs and funding policies for vocational education will be prepared to develop a new cost differential (excess cost) funding system expected to lead to improved vocational program offerings. Data collection forms will be designed, and data will be collected and analyzed. A monthly progress report and a final report will be written.

000044

Media Package and Planning Materials for Vocational Education.**Project Director:** Stromberg, Elden D.**Organization:** ComUnigraph Incorporated, 530 South Grand West, Springfield, IL 62704**Telephone:** (217) 544-3737**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0142-302**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$31,660**Descriptors:** *Manuals, *Program Planning, *Audiovisual Aids, *Filmstrips, *Delivery Systems, *Inservice Education**Identifiers:** State, Proposal

A planning handbook and a ten- to twenty-minute synchronized slide/tape presentation which describes a process to promote the planning of quality vocational education programs will be developed for use by Division of Adult, Vocational and Technical Education (DAVTE) consultants to train local education agency personnel. A set of transparencies and audience participation materials will also be developed to complement the filmstrip presentation, which will be updated to generally describe the current vocational education delivery system in Illinois. An internal committee of DAVTE consultants will provide suggestions and feedback and approve the final product. Twenty copies of the handbook, with accompanying visuals, will be prepared.

000045

Industrial Hygiene Technologist Model.**Project Director:** Ernst, Donald**Organization:** Joliet Junior College, 1216 Houbolt Avenue, Joliet, IL 60436**Telephone:** 729-9020**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0222-306**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$4,110**Descriptors:** *Safety, *Technical Occupations, *Radiation, *Certification, *Educational Certificates, *Associate Degrees, Industrial Education, Needs Assessment, Student Recruitment, School Industry Relationship, Degree Requirements**Identifiers:** State, Proposal

The present occupational safety program will be revised to include an industrial hygiene technologist certificate and AAS degree option; approval will be sought from the American Board of Industrial Hygiene to ensure that the academic content of the options meet certification requirements. A needs assessment of the types of services that would benefit area business and industry will be conducted; a sequence of courses to fulfill the certificate and associate degree options will be developed; and the course, "Fundamentals of Radiation Protection," will be implemented. A brochure and slide presentation will be developed to be included in recruitment and marketing presentation. A final report will be written.

000046

Revision of a Handbook for Career Guidance Counselors.**Project Director:** Boas, Richard D.; Daniels, M. Harry**Organization:** Southern Illinois University, Carbondale, IL 62901**Telephone:** (618) 536-2381**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0312-314**Funding Period:** Start Date 24 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$24,996**Descriptors:** *Manuals, *Counselors, *Articulation Program, *Needs Assessment, *Career Guidance, Guidance Personnel, Job Placement, Vocational Followup**Identifiers:** State, Proposal

A handbook for career guidance counselors oriented toward the needs of guidance service providers, directed toward improving the articulation of guidance services through placement and follow up, and in compliance with the guidelines emphasized in section 134 of PL 94-482 will be developed, revised, and disseminated. The project should result in a greater demand for occupational education programs at the secondary and community college levels. Twelve copies of the revised handbook will be delivered.

000047

Job Creation: Research and Development of Instructional Materials and Activities for Vocational Education Teachers.**Project Director:** Smutny, Joan F.**Organization:** National College of Education, Undergraduate and Graduate Faculty, 2840 Sheridan Road, Evanston, IL 60201**Telephone:** (312) 255-5150**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0413-322**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$48,356**Descriptors:** *Job Development, *Instructional Materials, *Program Development, *Employment Opportunities, Task Performance, Home Economics, Agriculture, Marketing, Health, Industrial Arts**Identifiers:** Entrepreneurs, Self-Employed, State, Proposal

Job creation will be fused into the existing curriculum to motivate vocational education personnel and students toward intelligent, realistic understanding of self-employment, individual proprietorships, job performance, and professional development. Current practices and knowledge about materials and concepts of job creation will be reviewed and assessed; a review panel of vocational educators and students from home economics, agriculture, business and marketing health, and industrial arts will be formed. Five hundred packets of creative activities and instructional curriculum materials will be developed, field tested, and evaluated. A final report will be prepared.

000048

Comprehensive Study of the State of the Art of Articulation Efforts in Vocational Education: Present and Future Implications for the State of Illinois.**Project Director:** McCormick, Fred C.**Organization:** Educational Operations Concepts, Inc, 1400 Brompton, Saint Paul, MN 55108**Telephone:** (612) 644-5325**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-10-X-0418-313**Funding Period:** Start Date 24 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$30,000**Descriptors:** *Articulation Program, *Program Evaluation, *Program Planning, *State Of The Art Reviews, Instructional Materials, Teaching Methods**Identifiers:** State, Proposal

A comprehensive study of the articulation process in Illinois, including reviewing and evaluating current practices, defining articulation, determining the present state of articulation, and relating critiqued materials to present practice, should provide direction for future approaches to articulation activities which will result in improved teaching techniques and curriculum materials. Procedures will include a literature review, a survey of existing articulation efforts, onsite and telephone interviews, and a sample survey of postsecondary students. Three hundred copies of each of three final products will be delivered: (1) a document describing literature and knowledge about articulation and its practice, (2) a document describing the present state of articulation and the variables that support or inhibit it, and (3) a final report.

000049

Assessing the Impact of Vocational Education Research (Continuation).**Project Director:** Phelps, L. Allen**Organization:** University of Illinois, 345 Education Building, Urbana, IL 61801**Telephone:** (217) 333-2325**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-20-X-0141-166**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$45,150**Descriptors:** *Evaluation Methods, *Program Evaluation, *Program Effectiveness, *Educational Assessment, Case Studies Education**Identifiers:** State, Proposal

The project will improve the capability of the Illinois state board of education and their contractors to specify, monitor, and evaluate the impact of research and development projects by developing a monitoring and assessment system and expanding the tracking of selected research and development projects. Procedures will include collecting and analyzing current year impact statements for funded and nonfunded project proposals, developing a set of high impact principles for project managers, and preparing case studies of the impact of the Occupational Survival Skills and the Illinois Special Populations Technical Assistance and Dissemination System projects. A final report will be delivered.

000050

Health Occupations Education Planning Project (Continuation).**Project Director:** Dawson-Saunders, Beth; Barr, Jason**Organization:** Southern Illinois University, School of Medicine, P.O. Box 3926, Springfield, IL 62708**Telephone:** (217) 782-4418**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-20-X-0141-258**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$71,472**Descriptors:** *Allied Health Occupations Education, *Occupational Surveys, *Career Education, *Occupational Information**Identifiers:** State, Proposal

Data will be collected on allied health occupations job definitions, educational requirements, licensing/certification requirements, training programs, salary ranges, and job availability; new occupations and occupations not previously associated with health care will be identified. The information will be compiled in a career guide for students and career counselors. A technical report will be prepared for use in planning research and educational activities.

000051

Methods and Materials for Entrepreneurship Education—Phase 3.**Project Director:** Scanlon, Thomas J.; Sredl, Henry**Organization:** University of Illinois, 349 Administration Building, Urbana, IL**Telephone:** (217) 333-1298**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-30-D-0415-131**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$53,000**Descriptors:** *Business Education, *Community Colleges, *Course Evaluation, *Instructional Materials, Postsecondary Education**Identifiers:** State, Proposal, *Entrepreneurship Programs

A field test of the entrepreneurship education materials will be conducted in six community colleges; and field test instructors, students and Division of Adult, Vocational, and Technical Education consultants will provide formal and informal input as to the material's usefulness and effectiveness. At least one evaluation conference will be held to revise the materials; alternative procedures for implementing the materials will be identified; and a student assessment inventory will be developed to evaluate the material's effectiveness. Supplemental reading materials also will be developed. Five hundred copies of the materials and a final report will be produced.

000052

Modular Curriculum Guides for Homemaking as a Career (Continuation).**Project Director:** Oldham, Mary Jo; Beal, Sue**Organization:** Southeastern Illinois College, R.R. 4, College Drive, Harrisburg, IL 62946**Telephone:** (618) 252-6376**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-31-30-D-0415-147**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$40,000**Descriptors:** *Community Colleges, *Learning Modules, *Cur-

riculum Guides, *Home Economics, *Career Education, Postsecondary Education, Adult Education, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Modular curriculum units for use by community colleges for career programs in home economics will be revised using data gathered from experience as well as input from consultants, teaching staff, and students; the modules will be tested in classes at Southeastern Illinois College. Usable curriculum guides will be prepared for dissemination. The materials will be suitable for adult groups, and selected modules will be adaptable for secondary students. One camera-ready copy of modules for ten courses and support materials will be delivered.

000053

Technical Assistance and Dissemination System: Illinois Special Needs Populations—Dissemination.

Project Director: Batsche, Catherine

Organization: Illinois State University, Turner Hall 202C, Normal, IL 61761

Telephone: (309) 436-6022

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-30-K-2711-137

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$129,826

Descriptors: *Disadvantaged Youth, *Technical Assistance, *Inservice Teacher Education, *Information Dissemination, *Instructional Materials, *Exceptional Persons, Sex Fairness, Diffusion, Exhibits, Newsletters, Institutes Training Programs

Identifiers: State, Proposal

Statewide diffusion, inservice, and impact activities related to handicapped and disadvantaged students will be coordinated through the technical assistance and dissemination system; inservice and technical assistance will be provided. Materials necessary to carry out dissemination activities will be prepared, including the occupational clusters guides, the compendium, the identification and assessment system, NES slide/tape modules, and the inservice resource guide. Priority will be given in instruction for using these materials in a sex-fair manner. Ongoing dissemination activities will include statewide conferences, exhibits, teacher institutes, newsletters, and materials development and reproduction. A two-year research program will be designed during the second project quarter to include investigation of areas such as curriculum, impact, follow up, finance, and long range planning for special populations. A final report will be delivered.

001594

Implementation and Demonstration of an Exemplary Program for Home Economics.

Project Director: Severns, Charles W.

Organization: Springfield Public Schools, District 186, 1900 West Monroe, Springfield, IL 62704

Telephone: 525-3019

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-30-X-0415-125

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,000

Descriptors: *Demonstration Centers, *Career Education, *Home Economics, Inservice Teacher Education, Middle Schools, Child Care, Food Service, Textiles Instruction

Identifiers: State, Proposal

A program and demonstration center for home economics career exploration for middle school students will be developed in child care, fabrics, living environment, and hospitality/food services; instructional staff will receive in-service training in implementing and demonstrating the program. Parents, students, and community residents will be involved in implementation and evaluation. The program will be demonstrated to other instructional and administrative personnel within the district and the state. A final report will be delivered.

000054

Developing and Demonstrating a Mining Occupations and Land Reclamation Program for Secondary Schools.

Project Director: Smith, Dean O.; Lambert, Raymond F.

Organization: Pickneyville Community High School, East Water Street, Pickneyville, IL 62274

Telephone: (618) 357-9651

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-40-X-0413-128

Funding Period: Start Date 06 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$34,734

Descriptors: *School Industry Relationship, *Information Dissemination, *Teaching Methods, *Cooperative Programs, *Land Use, Secondary Education

Identifiers: Land Reclamation, State, Proposal, Mining

A secondary program in mining occupations and land reclamation which demonstrates ways vocational and technical educators may use to recognize societal problems and work with industry and government to correct them will be publicized through brochures, demonstration days, and presentations to vocational educators. A minimum of 1,000 brochures will be mailed to educators and others in selected Illinois counties. A final report on demonstration activities will be delivered.

000055

Project MAVE (Model for Articulated Vocational Education) (Continuation).

Project Director: Vanek, Carol

Organization: South Holland School District 151, 320 E. 161st Place, South Holland, IL 60473

Telephone: (312) 339-5544

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R31-40-X-0415-293

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$38,000

Descriptors: *Articulation Program, *Program Guides, *Information Dissemination, *Program Evaluation

Identifiers: State, Proposal

Project staff will facilitate use of the articulation guide and process model at the project's existing sites; obtain eight new sites to further diffuse the program throughout the state; and continue to evaluate the guide at phase 3 and phase 4 implementation sites for its effectiveness, feasibility, and desirability in various educational settings. A network to disseminate project materials will be developed. Twelve copies of a final report will be delivered.

000487

Model Development for an Exemplary Women's Program.

Project Director: Coryell, Kristine Winn

Organization: Richland Community College, 2425 Federal Drive, Decatur, IL 62526

Telephone: (217) 875-7200

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-D-0413-361

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$23,184

Descriptors: *Womens Education, *Needs Assessment, *Community Colleges, Models, Program Development, Educational Programs

Identifiers: State, Proposal

Preliminary to the eventual development of an exemplary project model for women's occupational-educational programming for community colleges, a locally directed needs assessment will be conducted on target women's populations. A survey will be conducted of assessment strategies, intervention activities, programming efforts, and organizational patterns of women's occupational and educational programs at selected community colleges. A comprehensive model of an exemplary women's project focusing on occupational development, will be developed to be placed in operation in phase 2. A final report will be delivered.

000488

Curriculum Development and Implementation of an Alcohol and Ethanol Production Training Program.

Project Director: Black, Hartzel L.

Organization: Southeastern Illinois College, Vienna Correctional Center, Vienna, IL 62995

Telephone: (618) 658-9090

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-D-0413-384

Funding Period: Start Date 15 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$22,656

Descriptors: *Manufacturing, *Agricultural Production, *Fuels, *Job Training, *Institutionalized Persons, Curriculum Development, Facility Planning, Training Methods, Agency Cooperation, Coordination

Identifiers: State, Proposal, *Alcohols, Ethanol

To implement a training program for alcohol and ethanol production, an individual will be employed to develop the physical plant and curriculum. In addition, methods of ethanol production will be researched and appropriate uses for agricultural production developed. Relationships between the U S Department of Energy, the Illinois department of energy, correctional industries, correctional school district 428, and the Vienna Correctional Center will be developed to provide training for employment in ethanol production. A final report will be delivered.

000489

Planning Model for a Hotel and Restaurant Program and an Education Center in an Urban Area.

Project Director: Zaida, Walter F.

Organization: Joliet Junior College, 1216 Houbolt Avenue, Joliet, IL 60436

Telephone: (815) 729-9020

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-X-0413-321

Funding Period: Start Date 17 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$39,798

Descriptors: *Economically Disadvantaged, *Feasibility Studies, *Hotels, *Food Service Occupations, *Needs Assessment, *Program Planning, *Disabilities

Identifiers: State, Proposal

The feasibility of meeting the needs of the economically disadvantaged and the handicapped through establishing and operating a hotel and restaurant and a downtown center will be determined. A three-year plan including goals and objectives, course outlines, program descriptions, and course materials will be prepared. A plan for establishing and marketing the Culinary, Industrial, Business Institute of the Midwest also will be developed. The final planning model will be delivered.

000057

Analysis of the Cause and Result of Position Changes by Industrial Educators.

Project Director: Tomlinson, Robert M.

Organization: University of Illinois, 345 Education Building, Urbana, IL 61801

Telephone: (217) 333-2757

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-X-0413-368

Funding Period: Start Date 15 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$1,296

Descriptors: *Industrial Education, *Trade And Industrial Teachers, *Teaching Qualifications, *Career Change, *Teacher Employment

Identifiers: State, Proposal

In the first phase of this project to help provide more qualified industrial education teachers, data will be collected from attendance centers and teachers in two geographic areas who changed positions from the 1978-79 to the 1979-80 school year. A final report will be written.

000058

Implementation and Demonstration of a Marketing Program.

Project Director: Rosser, V.B.

Organization: Decatur Public School District 61, 101 West Cerro Gordo, Decatur, IL 62523

Telephone: (217) 424-3000

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-X-0415-286

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,062

Descriptors: *Marketing, *Student Recruitment, *Program Development, *Publicity, Secondary Education, Information Dissemination

Identifiers: State, Proposal

A secondary level, comprehensive marketing program will be planned, developed, implemented, and demonstrated to develop student interest, acquire participating schools' cooperation, and to recruit a sufficient number of students upon implementation of the introductory and general marketing instruction phases of the program. Also, the program will provide instructional and administrative personnel with an opportunity to observe and receive information about exemplary materials developed by the department of adult, vocational, and technical education (DAVTE). Project staff will identify which of the fifteen programs recommended by DAVTE show sufficient job opportunities in the greater Decatur area to justify establishing an instructional program. A promotional presentation using brochures; media releases; and a slide/tape presentation for student, teacher, and community use will be developed. Specialized marketing consultants will provide inservice and other assistance in developing the program. An orientation, introductory and general marketing curriculum will then be initiated for the Decatur area vocational center program. Information and data to determine the project's impact on the target populations and the community, and the transportability of the program to other local education agencies will be collected. A report will be written.

000370

State Guide for Industrial Education, K-Adult.

Project Director: Sredl, Henry J.

Organization: University of Illinois, 345 Education Building, Urbana, IL 61801

Telephone: (217) 333-0807

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-20-X-0415-154

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$79,133

Descriptors: *Industrial Education, *Educational Planning, *Teacher Certification, *Program Guides, Program Evaluation, Inservice Teacher Education, Information Networks, Preservice Teacher Education, Elementary Secondary Education, Postsecondary Education

Identifiers: State, Proposal

To promote improved industrial education planning and service, a state guide for industrial education, K-adult, will be developed. Criteria for evaluating programs, for planning and operating preservice and in-service teacher education courses or programs, and for state teacher certification will be outlined. A communications network among industrial educators and related individuals and groups, and a general advisory committee will be established.

000371

Development and Validation of a Teacher Education Program for Agriculture (Continuation).

Project Director: Hemp, Paul; Swanson, Burton

Organization: University of Illinois, College of Education, Urbana, IL 61801

Telephone: (217) 333-3166

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-20-X-0415-251

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$24,030

Descriptors: *State Standards, *Teacher Education, *Agricultural Education, *Program Evaluation, *Vocational Education Teachers, *Teacher Effectiveness, Articulation Education, Higher Education

Identifiers: State, Proposal

A list of fifteen to twenty standard and 100 or more operational procedures which identify and describe high quality agriculture teacher education programs will be revised based on survey information from phase 1. A conference to promote articulation in teacher education programs among four Illinois universities, and a statewide

conference of cooperating teachers will be held. A Teacher Education Program Review Kit which universities can use to evaluate and improve their programs will be prepared. A final report will be delivered.

000490

Comprehensive Information Program and Services for Vocational Education (Continuation).

Project Director: Stromberg, Eldon D.

Organization: ComUnigraph, Inc, 530 S Grand West, Springfield, IL 62704

Telephone: (217) 544-3737

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-20-X-0416-204

Funding Period: Start Date 11 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$126,965

Descriptors: *Public Relations, *Graphic Arts, *Printing, *Information Dissemination, *Publications, Standards

Identifiers: State, Proposal

A graphic standards program and manual for managing printed media will be designed, developed, and implemented based on information gathered in Phase 1. A statewide public information program for vocational education will be developed, produced, implemented, and evaluated. Graphics and reproduction services will be provided to develop vocational program materials. A final report will be delivered.

000491

Sex Discrimination and Bias in Vocational Education—A Model for Positive Awareness.

Project Director: Green, Albert

Organization: Richland Community College, 2425 Federal Drive, Decatur, IL 62526

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-30-D-0415-183

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$50,000

Descriptors: *Nontraditional Occupations, *Sex Role, *Sex Fairness, *Information Dissemination, *Audiovisual Instruction, *Inservice Education, Community Colleges, Equal Education, Sex Stereotypes, Career Choice, Instructional Materials

Identifiers: State, Proposal

A brochure will be developed to promote the use and dissemination of a slide/tape program examining the part sex-role stereotyping plays in career selection, the reasons why men and women are considering nontraditional careers, and the types of nontraditional vocational training available in Richland Community College. A special series of field workshops focusing on educational equality activities in the college district will be continued and improved, and a statewide workshop will be developed. Sex equity educational materials will be developed through minigrants, and promotional literature and a newsletter on sex equality will be developed and disseminated. A final report will be delivered.

000492

Study of the Nontraditional and Social Impacts of Vocational Education on Individuals in the State of Illinois (Continuation).

Project Director: Carvell, Fred; Et Al

Organization: CARVELL Education Management Planning, P O Box 531, Los Altos, CA 94022

Telephone: (415) 941-9118

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-30-X-0134-216

Funding Period: Start Date 01 Nov 79; End Date 31 Jul 80

Fiscal Year Funding: \$77,440

Descriptors: *Case Studies, *Followup Studies, *Longitudinal Studies, *Program Evaluation, *Student Evaluation, *Student Characteristics

Identifiers: State, Proposal

During the second year of the study, the CARVELL team director will establish liaison with the AVTE project monitor and maintain communications with the eight participating program sites. Follow-up

interviews will be conducted with about 100 case study students to update case files for 1979-80. From these interviews, about ten case studies will be written as examples of the impact of vocational education programs in Illinois. Analysis of nontraditional outcomes of vocational education will be used to examine the effects of such training and support services on trainees' lives and economic status. The longitudinal case study method used in the project will provide more detailed and complete assessment of different delivery systems and procedures used to provide vocational education for students with special needs as well as those in traditional school systems. A final report will be delivered.

000493

Development of a Publicly Supported Educational Program for Young Farmers and Agribusiness Persons in Illinois (Continuation).

Project Director: Harzman, Leonard

Organization: Western Illinois University, Department of Agriculture, 203b Knoblauch Hall, Macomb, IL 61455

Telephone: (309) 298-1202

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: 4-31-30-X-0415-127

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,897

Descriptors: *Inservice Teacher Education, *Agricultural Occupations, *Young Farmers Education, *Agribusiness, *Vocational Education Teachers, *Agricultural Education

Identifiers: State, Proposal

A series of in-service workshops for agricultural occupations instructors will be conducted using the educational materials developed in phase 2 to explain how agricultural occupations instructors can organize and effectively conduct young farmer chapters and the importance of such programs to young farmers and agribusiness persons. A final report will be delivered.

000494

Development of an Information Base and Exchange System for the Improvement of Industrial Oriented Programs in Illinois—Phase 2.

Project Director: Tomlinson, Robert M.

Organization: University of Illinois, 345 College of Education, Urbana, IL 61801

Telephone: (217) 333-2757

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-30-X-0415-169

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$47,036

Descriptors: *Industrial Education, *Information Networks, *State Surveys, *Information Systems, *Data Bases

Identifiers: State, Proposal

In phase 2 of this project to establish an ongoing information and communication exchange system for improving industrial programs, the inventory of industrial teachers and programs will be extended statewide. The data system will be extended and improved, and analyses conducted. The information system will be compatible with and supplement existing procedures and formats and will focus on the supply and demand for teachers, identification of program needs and areas for improvement. A final report will be delivered.

000495

Develop Curriculum for Training of Solar Energy Technicians.

Project Director: Rooney, Norma

Organization: 15800 South State Street, South Holland, IL 60473

Telephone: (312) 596-2000

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-31-10-X-0222-308

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,540

Descriptors: *Solar Radiation, *Paraprofessional Personnel, *School Business Relationship, *Construction Process, *Energy

Identifiers: State, Proposal

A solar energy technician option for the building construction technology program will be developed; made available to employers,

employees, and students, and evaluated and improved. A tentative curriculum based on employers' responses will be submitted to other employers for their review and to obtain information on possible implementation dates.

000332

Fair and Innovative Recruitment (FAIR).

Project Director: Stitt, Beverly; Anderson, Marcia
Organization: Southern Illinois University, Carbondale, IL 62901
Telephone: (618) 453-3321
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R31-10X-0413-297
Funding Period: Start Date 15 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$19,979
Descriptors: *Student Recruitment, *Equal Education, *Competency Based Teacher Education, *Program Development, Secondary Education, Workshops, Postsecondary Education
Identifiers: State, Proposal

A model for use by local education agencies to prepare a recruitment program that is fair regardless of racial, sexual, physical, cultural, or age status will be developed, pilot tested, revised, and disseminated using performance-based teacher education methodology in a workshop. A camera-ready copy of the model and guidelines for use in secondary and postsecondary schools and a final report will be prepared.

000267

CARE Kit: Revised and Disseminated (Continuation).

Project Director: Blair, Diane
Organization: Eastern Illinois University, 210 Buzzard Education Building, Charleston, IL 61920
Telephone: (217) 581-5951
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: 0415-181
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$16,552
Descriptors: *Special Education Teachers, *Instructional Materials, *Information Dissemination, *Job Search Methods, *Exceptional Persons, *Program Evaluation, Records Forms, Data Collection
Identifiers: State, Proposal

Instructional materials developed in earlier phases of this project for helping special needs students obtain job-acquiring and job-keeping skills (the CARE Kit) will be disseminated to special needs teachers through presentations at meetings and conferences. An evaluation instrument will be prepared and distributed to all participants using the kits; findings will be reported. The special cooperative education yearly summary forms will be revised to facilitate the data collection process for local educational agencies and provide the state board of education with relevant data for reporting purposes.

000501

Two-Year Sequential Curriculum Guide for Related Cooperative Vocational Education Class.

Project Director: Lowe, Larry J.
Organization: McLean County District 5, 700 Hale Street, Normal, IL 61761
Telephone: (309) 452-4476
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-10-X-0273-300
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$24,000
Descriptors: *Curriculum Guides, *Cooperative Education, Secondary Education, Curriculum Evaluation
Identifiers: State, Proposal

A comprehensive two-year sequential curriculum guide for the related class of the cooperative vocational education program will be developed, tested with five programs at Normal community high school, published, and evaluated.

001644

Plan to Develop and Compare Two Vocational Education Pro-**grams to Limited-English Proficiency Students.**

Organization: Waubesa Community College, Route 47 at Harter Road, Sugar Grove, IL 60554
Telephone: (312) 466-4811
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-31-10-J-0413-407
Funding Period: Start Date 15 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$33,740
Descriptors: *Instructional Materials, *Bilingual Education, *School Business Relationship, *Student Recruitment, Basic Vocabulary, Cultural Traits, Models
Identifiers: State, Proposal

Two instructional models in vocational education for limited-English proficiency (LEP) students will be designed. Support services (recruitment, assessment, counseling, tutorial activities, placement, and follow-up procedures) will be determined. In-service activities for staff and faculty will be planned, a research design and appropriate measurement techniques for monitoring and evaluating the programs will be developed, and the core language vocabulary and corresponding instructional materials will be identified and designed. Project staff will visit existing projects, meet with business and industry to determine verbal communications skills needed in specific occupational areas and specific problems encountered in hiring LEPs, and identify cultural barriers that prevent LEP individuals from successfully participating in vocational education. A final plan comparing the two models will be delivered.

001645

Criteria for Instruction of the Handicapped—Phase 2.

Project Director: Evans, Rupert N.
Organization: University of Illinois, 188 Education Building, Urbana, IL 61801
Telephone: (217) 333-4382
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-31-20-X-0275-164
Funding Period: Start Date 01 Nov 79; End Date 30 Jun 80
Fiscal Year Funding: \$30,000
Descriptors: *Disabilities, *Training Methods, *Evaluation Criteria, *Job Placement, *Predictor Variables, *Student Evaluation
Identifiers: State, Proposal

Criteria used to select training settings for handicapped persons and how criteria vary with type and severity of handicap will be identified. How criteria should be modified to aid in job placement and promotion will be determined. Methods of using current criteria for assessment of handicapped trainees and their individualized programs and for formulating future training programs will be developed. Personnel who plan and conduct vocational education programs for handicapped persons will be interviewed to determine which criteria are being used for choosing among existing programs, for designing new programs, and for determining entry to and exit from training settings. Using regression analysis and sequential analysis, staff will develop weightings for the most important criteria to enable prediction of the likelihood that one method will be used for a given population, subject matter, or type of school or industry. A final report will be delivered.

001646

Development of a System for Planning, Facilitating, Monitoring, Utilizing, and Evaluating Research and Development Activities.

Project Director: Wentling, Tim
Organization: University of Illinois, Office of Vocational Education Research, 345 Education Building, Urbana, IL 61801
Telephone: (217) 333-0185
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-31-20-X-0275-246
Funding Period: Start Date 30 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$36,933
Descriptors: *Research and Development Centers, *Statewide Planning, *Educational Planning, *Systems Development, *Information Dissemination, *Needs Assessment, Guides, Secondary Education, Postsecondary Education
Identifiers: State, Proposal

The R&D service will be better able to meet federal mandates, and efficiency and efficacy of R&D activities will be improved. A statewide advisory group will be formed and extant structures and systems of managing R&D and management needs will be determined.

A conceptual system for planning, facilitating, monitoring, using, and evaluating R&D will be developed, evaluated, and defined; procedural alternatives for operationalizing the system will be developed. A guide for implementing the system will be prepared and a review volume published to facilitate dissemination and planning of R&D activities. In addition, a conceptual model for managing the R&D activities of a university vocational education faculty will be developed, evaluated, and refined and a guide prepared for implementing the R&D management model within other state universities. A mail survey of a sample of local education agencies will be conducted to determine the curriculum development process. Five hundred copies of ARRIVE will be disseminated.

Exemplary and Innovative (Sec. 132)

000059

Experience-Based Education.

Project Director: Ariagno, Richard

Organization: Joliet Township High School District 204, 201 E. Jefferson Street, Joliet, IL

Telephone: (815) 727-6861

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-32-40-X-4110-332

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Career Education, *Experiential Learning, Resource Guides, Community Involvement, Teaching Techniques, Information Dissemination, Secondary Education

Identifiers: *Experience Based Career Education Program, State, Proposal

Objectives of this project include infusing experience-based education (EBE) concepts into the regular curriculum for grades 10-12, improving student and faculty awareness and acceptance of EBE; encouraging and assisting other schools to start similar programs; and adapting materials, processes, and methods developed by the experience-based career education laboratories to the individual needs of the three campuses within district 204. Procedures will include department presentations, faculty group orientations, a career workshop conducted by students for students, demonstration activities, and revision of community resource guides. A final report will be delivered.

000060

Industry-Education-Labor Council Consortium.

Project Director: Gavin, Katherine

Organization: Prairie State College, 202 South Halstead Street, Chicago Heights, IL 60411

Telephone: (312) 756-3110

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-32-10-X-0264-303

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$21,600

Descriptors: *School Business Relationship, *School Community Relationship, *Resource Guides, *Consortia, *Community Resources, Manpower Needs, Community Involvement

Identifiers: State, Proposal

To bridge the gap between education and the marketplace, communication will be maintained with an industry-education-labor consortium including representatives from government, service agencies, parents, students, and the community; a work education council will be developed. Information to help determine specific manpower needs will be compiled and disseminated. A comprehensive area teachers' vocational education resource guide will be developed, and a follow-up survey and program evaluation will be reported.

000061

Experience-Based Education for Special Needs Students (Continuation).

Project Director: Newbrough, Art

Organization: Deerfield-Highland Park School District 113, 1959 N. Waukegan Road, Deerfield, IL 60015

Telephone: (312) 945-5440

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-32-20-A-4110-214

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$46,000

Descriptors: *Career Education, *Educational Alternatives, *Community Resources, *Special Education, *Exceptional Persons, *Experiential Learning, Individualized Instruction, Secondary Education, Inservice Education

Identifiers: *Experience Based Career Education Program, State, Proposal

Twenty-four to thirty junior and senior high school special needs students from two schools will participate in this model of the Appalachia Educational Laboratory experience-based education (EBE) program. The students will be provided with individualized alternative learning experiences geared to their post-high school planning and work interests. Needed community resources will be obtained, staff will receive inservice training, an EBE advisory council will be organized, and promotional materials will be developed. All public relations materials and a final report will be delivered.

000062

Implementation of Field-Tested Uses of the Computerized Vocational Career Information Program, 'Career Spectrum'.

Project Director: Musgrove, Paul B.; and Others

Organization: Tri-County Industry-Education-Labor Council, Lincoln Hall, Illinois Central College, East Peoria, IL 61635

Telephone: (309) 694-6418

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-32-30-X-0264-285

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$22,800

Descriptors: *Career Education, *Inservice Education, *Computer Oriented Programs, *Occupational Information, Information Dissemination, Elementary Secondary Education

Identifiers: State, Proposal

Career education courses being offered in high schools and grade schools will be improved and enriched by using Career Spectrum as the basis; counselors, vocational teachers, and coordinators will be trained in the use of Career Spectrum through inservice training and workshops. Current modules will be expanded to include information about vocational training programs in the tri-county area. A survey will be completed to obtain information about available training programs. Field-tested uses of Career Spectrum will be disseminated.

000496

Institute for Native American Development (INAD).

Project Director: Limas, Michael

Organization: City Colleges of Chicago, Truman College, 1145 West Wilson Avenue, Chicago, IL 60640

Telephone: 878-1700

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-32-20-6-0293-213

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$96,139

Descriptors: *Job Placement, *Student Evaluation, *Skill Development, *Adult Vocational Education, *American Indian Education, Postsecondary Education, Counseling Services, Student Financial Aid, Cultural Awareness, Student Placement, Individualized Programs

Identifiers: State, Proposal

One hundred-fifty to two hundred native Americans over 18 years of age in the uptown and lakeview area will be identified and assessed; an individual education career plan will be developed for each. Some participants will be placed in vocational training, particularly in Truman College; others will be referred to social service agencies, adult education centers, or employment opportunities. Vocational students will receive financial aid; personal, educational, and career counseling; and personal and cultural awareness development and will be placed on jobs after completing training.

000001

Consortium of Vocational Educators and Employers (COVEE) Work Program 1979-80.**Organization:** Consortium of Vocational Educators and Employers, 201 Hillboro, Box 600, Edwardsville, IL 62025**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-30-X-0426-197**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$37,007**Descriptors:** *Consortia, *School Industry Relationships, *Program Development, Inservice Education, Employment Projections, Networks, Cooperative Planning, Employment Qualifications, Entry Workers**Identifiers:** State, Proposal

Staff and resources will be developed to carry out five to eight inservice training programs; develop and disseminate information on entry-level skill requirements for various occupations; publish occupational supply and demand projections for COVEE's seven-county region; expand linkages with the Chamber of Commerce, career guidance centers, parent groups, labor organizations, and others; and publicize COVEE and its activities. A report, "Regional Projections, Occupational Supply and Demand," will be published.

000063

Experienced-Based Education.**Project Director:** Hubbard, Mary Ann**Organization:** Decatur Public School District 61, 101 West Cerro Gordo Street, Decatur, IL 62523**Telephone:** (217) 424-3076**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-40-X-4110-331**Funding Period:** Start Date 01 Oct 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000**Descriptors:** *Instructional Materials, *Career Education, *Experiential Learning, *Resource Materials, Technical Assistance, Secondary Education**Identifiers:** *Experience Based Career Education Program, State, Proposal

All Experience-Based Education (EBE) materials and personnel will be offered formally or informally to district staff and students. Objectives will include institutionalizing EBE with district staff, helping students make a smooth transition from high school to the world of work, and making teachers aware of EBE so their curriculum will be more relevant. A final report will be delivered.

000064

Tri-County Industry-Education-Labor Project (Continuation).**Project Director:** Musgrove, Paul B.; and Others**Organization:** Tri-County Industry-Education-Labor Council, Lincoln Hall, Illinois Central College, East Peoria, IL 61635**Telephone:** (309) 694-6418**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-30-X-0264-110**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$47,287**Descriptors:** *School Business Relationship, *School Community Relationship, *Community Resources, Interagency Cooperation, Cooperative Planning, Curriculum Development, Vocational Adjustment, Occupational Information**Identifiers:** State, Proposal

Communication among education, labor, business, industry, agriculture, government, professions, and the community at large will be encouraged and improved through both formal and informal cooperation. Services and activities will be promoted to help youths make the transition to the world of work; comprehensive, innovative vocational education curriculum will be developed to relate to the world of work; and use of community resource people in the classroom will help provide knowledge and skills youth need to become qualified for employment in meaningful and rewarding occupations. Evaluation instruments will be developed.

001595

Pre-employment and Placement Project.**Project Director:** Pollock, Steve; Barrow, Connye**Organization:** Johnsbury Community Unit School District 12, 2002 West Ringwood Road, McHenry, IL 60050**Telephone:** (815) 385-4003**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-30-X-0323-148**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$74,520**Descriptors:** *Conferences, *Job Placement, *Guides, *Resource Materials, *Job Search Methods, *Career Counseling, Employment Services, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

The second annual pre-employment and placement conference for vocational educators and agency personnel will be planned, conducted, and evaluated. The Career Assistance and Placement Services Resource Manual (CAPS) and the Curriculum Guide and Student Handbook for Pre-employment Skills (PREP) will be revised and 750 copies of each printed. The possibility of a statewide secondary and postsecondary job placement system focusing on special needs students will be investigated. Information from the impact study to be conducted by an external agency will be used to plan PREP and CAPS activities for all educational levels and state agencies. A conference report and a final report will be delivered.

000333

Minigrants for Implementing Innovative Programs in Rural Southern Illinois (Continuation).**Project Director:** Rawlinson, Jack**Organization:** Southern Illinois University, Carbondale, IL 62901**Telephone:** (618) 453-5733**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-30-X-0417-350**Funding Period:** Start Date 15 Nov 79; End Date 30 Jun 80**Fiscal Year Funding:** \$34,993**Descriptors:** *Needs Assessment, *Grants, *Educational Innovation, *Rural Schools, *School Districts, *Program Development, Research, Curriculum, Inservice Education**Identifiers:** State, Proposal

A needs assessment of districts in Division of Adult Vocational and Technical Education (DAVTE) regions 5 and 6 will be conducted to identify occupational education research, developmental curriculum, and in-service education needs. The results of the needs assessment will be analyzed, and specific kinds of activities desired by local education agencies will be identified. Through Southern Illinois Occupational Education Laboratory, a minigrant program will be instituted to aid districts in meeting special problems. Minigrant activities will be disseminated at a conference for rural vocational educators. The final report will describe specific activities undertaken.

000287

Sycamore Experienced-Based Education (EBE) Implementation/Demonstration Program.**Project Director:** Johnson, Peter L.**Organization:** Sycamore High School District 427, 1 Spartan Trail, Sycamore, IL**Telephone:** (815) 895-2138**Sponsoring Agency:** Illinois State Office of Education, Springfield
Contract/Control No.: R-32-40-X-4110-333**Funding Period:** Start Date 01 Oct 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000**Descriptors:** *Experiential Learning, *School Community Relationships, *Staff Development, *Career Exploration, Secondary Education, Demonstration Centers, Learning Laboratories**Identifiers:** State, Proposal

Twenty to thirty students in grades 9-11 will be served using the EBE approach (individually planned projects combining independent study and research with hands-on activities at community resource sites). Efforts will be continued to maintain an effective liaison between the EBE program and the Sycamore community and to eliminate sex bias and sex role stereotyping. Program infusion and personnel development activities will include encouraging instructional staff to incorporate EBE approaches and materials into their curriculum and

Initiating an ongoing staff development system. A three-credit graduate course will be offered to instructional staff. The existing career material file will be expanded and made available to all members of the high school community, and the EBE instructional laboratory will be maintained as an EBE demonstration center for administrators and teachers from other local education agencies. A EBE newsletter will be published bimonthly and an EBE advisory committee established. A final report will be written.

000334

Development of Career Cluster Materials (Continuation).**Project Director:** Gnaedinger, John P.**Organization:** Soil Testing Services, Inc, 111 Pfingsten Road, Northbrook, IL 60062**Telephone:** (312) 273-3440**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-32-30-X-0415-145**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$80,000**Descriptors:** *Career Education, *Teaching Guides, *Audiovisual Aids, *Occupational Clusters, Secondary Education**Identifiers:** State, Proposal

A career awareness program and materials for use by junior high and high schools will be developed. The reading level of booklets to be used in the program will be modified to grades 7-9 and a camera-ready copy of a teacher's guide will be produced. Slide/tape presentations keyed to wall charts will be produced for each of sixteen career cluster areas. In addition, an advisory committee will review materials developed in the first two years of the project. A final report will be written.

001596

Experience-based Education (EBE) Program.**Project Director:** Cassani, John**Organization:** DeKalb Community High School District 428, 145 Fisk Avenue, DeKalb, IL 60115**Telephone:** (815) 758-3474**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-32-10-X-4110-416**Funding Period:** Start Date 28 Feb 80; End Date 30 Jun 80**Fiscal Year Funding:** \$6,730**Descriptors:** *Experiential Learning, *School Community Relationship, *Community Resources, *Cooperative Programs, *Career Education, Secondary Education, Grade 10, Grade 11**Identifiers:** State, Proposal

An experience-based education (EBE) model will be designed and implemented for tenth and eleventh grade students in two schools. DeKalb and Sycamore EBE staff will cooperate in establishing community resources that can be used by students in either school; selected students will be placed in appropriate community learning experiences. Staff members of county high schools will meet to consider using shared staff and community resources to operate EBE programs. A final report will be delivered.

000056

Community Career Resources Program (Continuation).**Project Director:** Keegan, Janice H.**Organization:** Boone-Winnebago Regional Office of Education, Courthouse Building, Room 712, Rockford, IL 61101**Telephone:** (815) 987-3060**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-32-5-0-X-0264-134**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$35,350**Descriptors:** *Career Education, *School Business Relationship, *School Community Relationship, *Community Resources, *Occupational Information**Identifiers:** State, Proposal

Area labor leaders, businesses, and educators will cooperate to provide a career education program for area schools to include integrating career education into the regular curriculum; providing students with awareness of characteristics, needs, and work philosophies of area business and labor; and providing students with

an awareness of the increasing variety of career opportunities. Procedures will include classroom resource speakers, job site visits, and individual interviews; revision and expansion of a community career resources guide; expansion of the number of cooperating area employers; creation of a regional office of education newsletter; development of a slide presentation of career education activities; and meetings with a business-labor-education advisory council. A review of area vocational training opportunities will be included in the classroom presentation; classrooms as well as individual students and teachers will have the opportunity to visit the Rockford Area Vocational Center. A final report will be delivered.

001647

Surmounting Architectural Barriers to the Handicapped in Vocational Education.**Project Director:** Erikson, Thomas L.**Organization:** Northern Illinois University, Department of Industry and Technology, Still Hall, DeKalb, IL 60115**Telephone:** (815) 753-0516**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-32-10-X-0434-399**Funding Period:** Start Date 03 Apr 80; End Date 30 Jun 80**Fiscal Year Funding:** \$24,611**Descriptors:** *Physical Disabilities, *Accessibility for disabled, *Educational Facilities Design, *Teaching Methods, Guides, Access to Education, Secondary Education, Equipment**Identifiers:** State, Proposal

Project staff will develop a checklist for determining architectural and instructional barriers common to vocational education and a system to assess the physical capabilities and limitations of the handicapped, for use by vocational teachers in developing instructional programs for handicapped students. Various adaptive aids and devices to make vocational laboratories, equipment, and work stations accessible to and usable by the handicapped will be designed, developed, tested, and evaluated to demonstrate common sense solutions. Procedures will include forming an advisory committee, conducting a literature review, and visiting exemplary programs. A handbook describing the techniques and aids for teaching the physically handicapped and a final report will be produced.

001648

Improving Services to Disadvantaged and Handicapped Occupational Education Students (Continuation).**Project Director:** Viso, Philip A.**Organization:** Chicago Public Schools, 228 North LaSalle, Chicago, IL 60601**Telephone:** (312) 641-8432**Sponsoring Agency:** Illinois State Office of Education, Springfield**Contract/Control No.:** R-32-50-A-2711-168**Funding Period:** Start Date 16 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$139,077**Descriptors:** *Resource Materials, *Work Experience, *Job Placement, *Disabilities, *Disadvantaged Youth, *Ancillary School Services, High School Students, Information Dissemination, Secondary Education, Staff Development**Identifiers:** State, Proposal

Resource materials, program components, and procedures to improve work experience and job placement of disadvantaged and handicapped students will continue to be collected. Resource materials will be provided to twelve selected high schools, and procedures will be developed for disseminating and implementing materials and program components through minigrants and staff development activities. Project components will continue to be implemented at the twelve high school attendance centers. Communication and articulation with local school administrators and staff will be developed; pilot program managers, staff, and participants at twelve high schools will be identified; and in-service training for program personnel will be conducted. A services and implementation manual, including pilot program descriptions and evaluations, and a final report will be delivered.

001649

Community Career Resources Program (Continuation).

Project Director: Keegan, Janice H.
Organization: Boone-Winnebago Regional Office of Education,
 Courthouse Building, Room 712, Rockford, IL 61101
Telephone: (815) 987-3060
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-32-50-X-0264-134
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$32,000
Descriptors: *School Business Relationship, *Career Education,
 *Resource Centers, *Community Resources, *Occupational
 Education, *Integrated Curriculum Guides, Audiovisual Instruc-
 tion, Secondary Education, Career Opportunities
Identifiers: State, Proposal

A cooperative effort by area labor leaders, businesspersons, and educators providing career activities for area schools and integration of community career education opportunities into the regular curriculum will be promoted. A central access point for community career education opportunities; communication among area school staff and members of the labor and business communities; and student access to and awareness of the characteristics, needs, and work philosophies of area business and labor will be provided to better relate the world of work to the classroom and to help students become aware of a variety of technologically based careers. Career resource presentations will be directed, the community careers resource manual will be revised and expanded, and a newsletter developed. Films and career education materials will be loaned through the regional office of education audiovisual center. A slide presentation of career education activities will be developed for use in the classroom, at principals' and teachers' in-service meetings, and with community groups. A final report will be delivered.

Curriculum Development (Sec. 133)

000065

Development of a Marketing Services Curriculum Guide.

Project Director: Luft, Roger L.
Organization: Southern Illinois University, Carbondale, IL 62901
Telephone: (618) 453-3321
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-10-X-0424-310
Funding Period: Start Date 04 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$29,363
Descriptors: *Competency Based Education, *Curriculum Guides,
 *Marketing, *Real Estate Occupations, *Career Ladders,
 *Distributive Education, Curriculum Development, Service Occu-
 pations, Instructional Materials, Entry Workers, Employment
 Qualifications, Learning Activities
Identifiers: State, Proposal

Entry positions and career ladders in real estate and business/personal service will be identified; competencies, instructional objectives, and learning activities and resources will be developed for curriculum guides in marketing and distribution. The materials will be prepared for field testing. Progress reports and final reports will be delivered.

000066

Automotive-Petroleum Curriculum Research.

Project Director: Harris, E. Edward
Organization: Northern Illinois University, Wirtz Hall 323, DeKalb,
 IL 60115
Telephone: (815) 753-1664
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-10-X-0422-318
Funding Period: Start Date 15 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$14,495
Descriptors: *Curriculum Guides, *Competency Based Education,
 *Petroleum Industry, *Career Ladders, *Distributive Education,
 *Auto Mechanics, Instructional Materials, Inservice Teacher
 Education, Entry Workers, Employment Qualifications, Sec-
 ondary Education, Promotion Occupational
Identifiers: State, Proposal

Competencies essential for the most common entry-level jobs in automotive-petroleum occupations and the most common career lad-

ders and criteria for promotion will be identified. A curriculum guide that includes measurable objectives, suggested teaching strategies, and a list of available resources will be developed. Initial steps to design and implement a statewide computerized system to measure the impact of competency-based curriculum guides on employability of students will be undertaken. Inservice training materials will be printed and training conducted. A final report will be delivered.

000067

Curriculum Development for Bank Teller Using Vocational Technical Education Consortium of States (V-TECS) Catalogs.

Project Director: Gail, Moran; Katzmarek, Marsha W.
Organization: DuPage Area Vocational Education Authority
 Center, 301 North Swift Road, Addison, IL 60101
Telephone: (312) 620-8770
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-10-X-0442-330
Funding Period: Start Date 19 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$14,882
Descriptors: *Curriculum Guides, *Competency Based Education,
 *Banking, Curriculum Development, Entry Workers, Employ-
 ment Qualifications, Resource Materials
Identifiers: State, Proposal

An updated curriculum guide for bank tellers using V-TECS will be produced. The guide will contain resources and materials to provide youth and adults with a means of obtaining job entry skills in bank teller operations and vocational teachers with improved teaching techniques and material resources for classroom use that are adaptable for both individualized and traditional instruction. A random selection of banking industry representatives will verify objectives. Statewide workshops for articulation and dissemination of the guide will be completed; 750 copies of the guide will be produced. A final report will be written.

000068

Competency-Based Occupational Instruction—Inservice Models.

Project Director: Elston, Terri
Organization: Bremen High School District 228, 15233 S. Pulaski
 Road, Midlothian, IL 60445
Telephone: (312) 389-1175
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-20-X-0424-224
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$39,309
Descriptors: *Competency Based Education, *Vocational Education
 Teachers, *Inservice Teacher Education, *Teacher Workshops,
 *Teaching Methods X, Curriculum Development
Identifiers: State, Proposal
Descriptive Note: 03

The validated inservice model in Competency-Based Occupational instruction, a means to provide information on concepts, philosophy, and process of competency-based instruction and information as to how V-TECS and other validated task lists can be used to develop curriculum, will be delivered to vocational educators as requested. A series of six in-depth model workshops will be developed, modified, and delivered at four locations in Illinois. A final report will be written.

000069

Illinois Vocational Technical Education Consortium of States (V-TECS) Study—Phase 2.

Project Director: Pledge, M.; Hattwick, R.
Organization: Western Illinois University, 900 W. Adams, Macomb,
 IL 61455
Telephone: (309) 298-1594
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract/Control No.: R-33-20-X-0441-189
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$48,926
Descriptors: *Reprography, *Behavioral Objectives, *Criterion
 Referenced Tests, *Task Performance, Checklists, Competency

Based Education, Secondary Education, Postsecondary Education

Identifiers: Track Layers, Duplicating Operators, *Vocational Technical Education Consortium States, State, Proposal

Fifty copies of the V-TECS catalog for track layers and the field review catalog for duplicating operators will be completed. If time allows, a third subject will be selected and the state-of-the-art study begun.

000497

Transportation and Warehousing Curriculum Research—Phase 2.

Project Director: Harris, E. Edward

Organization: Northern Illinois University, Wirtz Hall 323, DeKalb, IL 60115

Telephone: (815) 753-1664

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-20-X-0442-239

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$26,411

Descriptors: *Curriculum Guides, *Instructional Materials, *Warehouses, *Distributive Education, *Behavioral Objectives, *Transportation, *Curriculum Research, *Curriculum Evaluation, Secondary Education

Identifiers: State, Proposal

A curriculum guide for transportation and warehousing will be developed, and will include competency statements, cluster objective, suggested learning activities, and instructional materials. The guide will be field tested in 200 local education agencies and transportation and warehousing institutions, revised, and disseminated. A final report will be delivered.

000498

Development of a Hardware, Building Materials, and Farm and Garden Curriculum Guide (Continuation).

Project Director: Luft, Roger L.

Organization: Southern Illinois University, Carbondale, IL 62901

Telephone: (618) 453-3321

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-20-X-0442-240

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,446

Descriptors: *Curriculum Guides, *Marketing, *Instructional Materials, *Distributive Education, *Agricultural Occupations, *Building Materials, Teacher Workshops, Class Activities, Job Skills, Curriculum Evaluation, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

In phase 2, project staff will continue developing learning activities and identifying resources necessary for preparing students for entry-level employment in hardware, building materials, and farm and garden occupations. Pilot materials of the curriculum guide will be field tested. In phase 3, project staff will revise the guide to reflect field test results and conduct dissemination workshops for marketing and distributive education teachers. A final report will be delivered.

000070

Competency-Based Curriculum in Two Agribusiness Tasks.

Project Director: Legacy, James

Organization: Southern Illinois University, Carbondale, IL 62901

Telephone: (618) 536-7733

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R33-30-X-0442-102

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,383

Descriptors: *Competency Based Education, *Horticulture, *Agribusiness, *Task Analysis, *Curriculum Guides, Curriculum Development, Inservice Teacher Education, Meat Packing Industry, Grains Food, Off Farm Agricultural Occupations

Identifiers: State, Proposal

Project staff will validate tasks and conduct a national search for teaching materials in meat processing and grain elevator operation; a

list of teacher-determined curriculum development priorities will be developed also. A self-instructional, competency-based curriculum guide for horticulture teachers will be developed; fifteen horticulture teachers will be selected for inservice training to field test the guide. Products will be shared with Indiana, which is developing competency-based curriculum in other agribusiness areas. A final report will be written.

000071

Demonstrate How Schools Are Delivering Vocational Instruction Using Competency-Based Curricular Methods.

Project Director: Oen, Urban T.

Organization: DuPage Area Vocational Education Authority Center, 301 North Swift Road, Addison, IL 60101

Telephone: (312) 620-8770

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R33-30-X-4111-130

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$62,255

Descriptors: *Demonstration Centers, *Competency Based Education, *Consortia, *Inservice Education, Curriculum Guides, Curriculum Development

Identifiers: State, Proposal

The DAVEA Center will be continued as a demonstration site for competency-based vocational education. The center will continue to train interested teachers and administrators to establish a performance based, individually guided learning delivery system; and a consortium of up to ten schools will work with the center director to develop up to ten competency-based curriculum guides. Materials developed by the consortium members will be shared with other Illinois consortium schools. A final report will be written.

000372

Solar Energy Installers Curriculum Guides.

Project Director: Walker, Gene C.

Organization: College of DuPage, 22nd Street and Lambert Roads, Glen Ellyn, IL 60137

Telephone: (312) 858-2800

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-10-X-0442-316

Funding Period: Start Date 17 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$10,748

Descriptors: *Job Skills, *Solar Radiation, *Curriculum Guides, *Energy, Entry Workers, Career Ladders, Evaluation Methods, Educational Strategies, Educational Resources, Course Objectives, Promotion Occupational

Identifiers: State, Proposal

Job competencies including minimum competencies for the job entry for solar energy installers will be determined. Additionally, career ladders, criteria for promotion, measurable objectives, teaching and evaluation strategies for each objective, and a listing of instructional resources will be included. The resulting program will provide necessary training for manpower needs in solar energy.

000373

Competency-Based Curriculum Guides for Horticulture.

Project Director: Huntley, Robert G.

Organization: College of DuPage, 22nd Street and Lambert Road, Glen Ellyn, IL 60137

Telephone: (312) 858-2800

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-10-X-0442-317-317

Funding Period: Start Date 17 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$13,590

Descriptors: *Curriculum Guides, *Ornamental Horticulture, *Competency Based Education, Instructional Materials, Criterion Referenced Tests, Check Lists, Behavioral Objectives

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

Two curriculum guides using Vocational-Technical Education Catalog Consortium of States (V-TECS) will be developed for ornamental horticulture. V-TECS tasks will be verified, teaching and evaluation strategies and teaching resources for each objective will be

identified, and training and field test sites will be developed.

000499

Planning for the Development of Comprehensive, Sequential Vocational Home Economics Curriculum—Phase I.

Project Director: Griggs, Mildred Barnes

Organization: University of Illinois, Department of Vocational and Technical Education, 345 Education Building, Urbana, IL 61801

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-10-X-0442-363

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$48,582

Descriptors: *Home Economics Education, *Sequential Programs, *Curriculum Development, Advisory Committees, Surveys

Identifiers: State, Proposal

To provide up-to-date comprehensive sequential vocational home economics materials for use in grades 6-12, data and materials will be gathered and reviewed. Stratified populations of home economics programs including area vocational centers; business, industry, and service agencies; and selected home economics teachers or administrators will be surveyed. A proposal will be prepared and submitted for phase 2, curriculum development, and phase 3, field testing and disseminating the curriculum. An advisory committee consisting of members from business, industry, service agencies, and industry will be formed.

000500

Core Curriculum in Agriculture.

Project Director: Hemp, Paul; Courson, Roger

Organization: University of Illinois, 357 Education Building, Urbana, IL 61801

Telephone: 333-3166

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-10-X-0442-338

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$42,631

Descriptors: *Instructional Materials, *Agricultural Education, *Core Curriculum, *Secondary Education

Identifiers: State, Proposal

Existing manpower and competency studies will be reviewed to determine agricultural manpower needs in Illinois and entry-level competencies common to most agricultural taxonomy areas. Agriculture course outlines and high school curriculum materials in use in Illinois and other states will be collected, and a tentative outline for course content to be used in grade 9 of the core curriculum for both the rural agriculture program and the metropolitan agriculture program will be developed. Two or more prototype instructional modules will be developed for review by an advisory committee and others. A general information meeting and two workshops will be conducted at the Illinois Agricultural Occupations Teachers' Conference. A proposal for phase 2 and a final report will be delivered.

000331

Curriculum Guide: Business Education into the Eighties (Continuation).

Project Director: Alexander, Wilma Jean

Organization: Illinois State University, 421 F Stevenson Hall, Normal, IL 61761

Telephone: (309) 438-7893

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-30-X-0442-109

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$56,740

Descriptors: *Curriculum Guides, *Business Education, *Equal Education, *Information Dissemination, Technological Advancement, Audiovisual Instruction

Identifiers: State, Proposal

The state curriculum guide, "Business Education for the Seventies," will be revised to reflect the philosophy of business educators and changes in technology. It will be presented in a format which can be updated regularly throughout the 1980s. The guide will provide a basis for equalizing educational opportunities in business

education throughout the state. Seminars will be conducted statewide to disseminate the guide. A slide/tape program will be developed to aid in the dissemination process. A final report will be written.

000502

Development of Multicultural, Competency-Based, Vocational-Technical Curricula.

Project Director: Merritt, E. Hollis

Organization: Southern Illinois University, School of Technical Careers, Carbondale, IL 62901

Telephone: (618) 536-6682

Sponsoring Agency: Illinois State Office of Education, Springfield

Contract/Control No.: R-33-10-C-0442-400

Funding Period: Start Date 13 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$29,931

Descriptors: *Bilingual Education, *Spanish Speaking, *Multicultural Education, *Competency Based Education, *Indochinese, *Instructional Materials

Identifiers: State, Proposal

To reduce linguistic and cultural barriers to learning among limited-English-speaking adults (LESAs) and to improve vocational instruction, multicultural competency-based curricula in eight areas (automobile body repair, automobile mechanic, building maintenance mechanic, combination welder, fiberglass technician, food service, machine trades, and secretarial/clerical) will be developed. Bilingual materials for Pocho- and Laotian-speaking LESAs will be developed with generic application to other vocational and technical training needs for other Spanish and Indochinese LESA groups. Essential vocational and technical terms will be identified and defined in a lexicon and vocational English as a second language component. A final report will be delivered.

INDIANA

Research (Sec. 131)

000321

Vocational Education Information Services.**Project Director:** Harris, Robert C.**Organization:** Indiana University, Bryan Hall 210, Bloomington, IN 47403**Telephone:** (812) 337-8104**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis**Contract/Control No.:** 3-80-III-14**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$90,000**Descriptors:** *Library Services, *Library Acquisition, *Data Bases, *Information Dissemination, *Educational Innovation, *Newsletters**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$5,000 under Sec. 134 for FY 1980

To make state and national administrators more aware of Indiana's innovative programs, nine special reports and four issues of 'Communique' will be published. About 200 bibliographies and documents will be added to the VEIS collection to improve library services to vocational educators and to provide them with access to materials, allowing them to make informed choices on new projects and classes. Dissemination activities will be coordinated, and in-house data bases will be maintained.

000336

Indiana curriculum Materials Center, FY 1979-80.**Project Director:** Di Lapore, Philip**Organization:** Indiana State University, Terre Haute, IN 47809**Telephone:** 232-6311**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis**Contract/Control No.:** 4-80-III-1**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$140,000**Descriptors:** *Instructional Materials Centers, *Information Dissemination, *Resource Materials, Instructional Materials**Identifiers:** State, Proposal

The Indiana Curriculum Materials Center (ICMC) will provide acquisition, storage, and dissemination of printed, audiovisual, and instructional materials for statewide distribution to vocational educators. The center also will provide consultative and informational services and select sites to implement and evaluate the vocational instructional materials developed in Indiana and modified for use by individuals working with special needs students. The ICMC will provide promotional materials and in-service programs to ensure that vocational educators receive maximum benefits from ICMC products and services.

000374

Annual Plan Development for Area Vocational School District 46.**Project Director:** Clerk, John**Organization:** Evansville-Vanderburgh School Corporation, One SE Ninth Street, Evansville, IN 47708**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis**Contract/Control No.:** 44-80-III-1**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$4,000**Descriptors:** *Educational Planning, *Needs Assessment, *Long

Range Planning, *Educational Resources, Area Vocational Schools, Educational Cooperation, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A plan for Area Vocational School District 46 will be developed for fiscal year 1980 and fiscal years 1981-85. Needs for supportive services and program improvement activities and resources available to meet the needs will be identified. The plan will be coordinated with secondary and postsecondary institutions.

000375

Development and Implementation of Plans for Program Improvement.**Project Director:** Jessup, Roger L.**Organization:** Mississinewa Community Schools, 424 West Main Street, Gas City, IN 46933**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis**Contract/Control No.:** 45-80-III-1**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$28,000**Descriptors:** *Regional Planning, *Postsecondary Education, *Cooperative Planning, *Vocational Schools**Identifiers:** State, Proposal

Coordinated regional and local plans which identify activities, resources available, and resources needed to meet identified needs will be developed for each area vocational program and postsecondary institution for fiscal years 1978-1985. A regionwide cooperative program for vocational education planning will be organized and coordinated.

000322

Vocational Curriculum Development and Implementation Workshop—Phase I.**Project Director:** Dresslar, David**Organization:** Metropolitan School District of Lawrence Township, 7601 East 56th Street, Indianapolis, IN 46226**Telephone:** (317) 849-9455**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis**Contract/Control No.:** 46-80-III-1**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$4,000**Descriptors:** *Teacher Workshops, *Curriculum Planning, Curriculum Development, Horticulture, Building Trades, Auto Mechanics, Welding, Electronics, Food Service, Secondary Education**Identifiers:** State, Proposal

In phase I of a long-range curriculum development plan, curriculum will be developed and implemented in horticulture, building trades, auto mechanics, small engines, commercial foods, welding, auto body, and electronics programs. Two one-week workshops will be held for teachers, administrators, and outside resources to develop the curriculum, including occupational titles, safety components, measurable objectives, and student evaluation procedures.

000298

Regional Administrative Communication and Programmatic Preparation for Local and Regional Planning.**Project Director:** Fields, Charles E.**Organization:** New Albany-Floyd County Consolidated School Corporation, 802 E. Market Street, New Albany, IN 47150**Sponsoring Agency:** Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 47-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$11,516

Descriptors: *Regional Cooperation, *Program Planning, *Cooperative Planning

Identifiers: State, Proposal

A regional communications base will be maintained to complete a procedure for regional new vocational program review and planning. The project also will provide support services for a two-and-a-half day staff retreat emphasizing curriculum development and joint planning to develop the regional communications base. Two part-time staff will be hired to assist with clerical services and to facilitate gathering Vocational Education Data System (VEDS) information for improved planning.

000403

Plan Development for Perry County Area Vocational Education Program.

Project Director: Pedro, Neal E.

Organization: Tell City-Troy Township School Corporation, 1321 Fulton Street, Tell City, IN 47586

Telephone: (812) 547-3300

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 150-80-III-1

Funding Period: Start Date 15 Jan 80; End Date 10 Jan 81

Fiscal Year Funding: \$4,000

Descriptors: *Long Range Planning, *Needs Assessment, *Educational Planning, Educational Resources, Secondary Education, Postsecondary Education, Educational Cooperation, Area Vocational Schools

Identifiers: State, Proposal

A plan for the Perry County area vocational educational program will be developed to include supportive services and program improvement activities for fiscal year 1980 and fiscal years 1981-85. Needs will be identified and described, and resources available to meet the needs will be identified. The plan will be coordinated between secondary and postsecondary institutions.

000503

Promotion of Training, Participation, and Placement Programs with Area Employers.

Organization: Upper Wabash Vocational School, P O Box 606, Wabash, IN 46992

Telephone: (219) 563-7481

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 151-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$9,960

Descriptors: *Cooperative Education, *Job Training, *Adults, *Job Placement, *School Business Relationship, Secondary Education

Identifiers: State, Proposal

The occupational training needs of adults in the school area will be determined and employers who provide training stations for cooperative education and CETA-YETP students will be identified. A personal relationship between employers and the school will be established so employers will better use existing placement services. The need for future growth of the school's secondary occupational training programs will be determined.

001650

Student Personnel Services Demonstration Model (Continuation).

Project Director: Fields, Charles E.

Organization: New Albany-Floyd County Consolidated School Corporation, 802 East Market Street, New Albany, IN 47150

Telephone: (812) 945-6681

Sponsoring Agency: JQB38625

Contract/Control No.: 149-80-III-1

Funding Period: Start Date 15 Jan 80; End Date 31 Dec 80

Fiscal Year Funding: \$15,000

Descriptors: *Inservice Education, *Counselor Training, *Student

Employment, Workshops, Counselors

Identifiers: State, Proposal

Vocational students will receive improved counseling services through continuation of a model student personnel services program developed in 1977-78 to provide in-service education to selected teams of eligible recipients. Six to eight workshops for 150-200 people will be conducted; the manual, "Keys to Success in Student Personnel Services: A Demonstration Model," will be reprinted; and schools will be reimbursed for staff time used to conduct the workshops and for clerical support.

001651

Assistance in Serving Area Needs for Data Information.

Project Director: Carnahan, Joyce Ann

Organization: Twin Rivers Vocational Area, South Knox School Corporation, PO Box 388, Monroe City, IN

Telephone: (812) 743-2283

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 152-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Long Range Planning, *Data Collection, Secondary Education, Inservice Education, Surveys

Identifiers: State, Proposal

A procedure will be established and implemented to assist in the Vocational Education Data System reporting system locally. Additional long-range planning will be continued to include fiscal years 1981-85. Project staff will attend meetings of VEDS in-service activities; establish a file procedure; establish a communication system between coordinators and instructors; survey teachers, business, and students as needed; and maintain media contacts.

001652

Procedure Guide for Data collection of Local and State (VEDS) Forms.

Project Director: Puryear, Jerome, Sr

Organization: Indianapolis Public Schools, 120 East Walnut Street, Indianapolis, IN 46204

Telephone: (317) 266-4436

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,222

Descriptors: *Guides, *Data Collection, *Records Forms, Secondary Education

Identifiers: State, Proposal

A handbook for feeder schools to use as a reference when filling out requested data for completing Vocational Education Data Systems forms and certain other required forms will be developed. Forms will be identified and an explanation of each entry written, data required to complete specific forms summarized, procedures to follow in gathering data developed, and model letters of instruction developed.

001653

Effectiveness of Joint Secondary and Postsecondary Program Advisory Committees.

Project Director: Thompson, Meredith

Organization: Bartholomew Consolidated School Corporation, 2650 Home Avenue, Columbus, IN 47201

Telephone: (812) 376-4240

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 154-80-III-14

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$8,000

Descriptors: *Advisory Committees, *Articulation Education, *School Business Relationship, *Followup Studies, Electronics, Accounting

Identifiers: State, Proposal

A model for further expanding joint advisory committees will be developed, including a plan and set of guidelines for use of commit-

tees. The model will be pilot tested and evaluated in two areas—electronics and accounting. Project staff will conduct a workshop for administrators, faculty, and advisory members involved in the pilot test to obtain suggestions for developing a follow-up project which will be planned and initiated. An articulation model and procedure will be developed using Vocational-Technical Education Consortium of States catalogs and curricula. The final plan will include management control documents, forms, and evaluation instruments.

001654**Develop and Implement a Coordinated Regional Plan for Improving Programs.**

Project Director: Reckerd, Thomas E.

Organization: Indiana Vocational-Technical College, 616 Wabash Avenue, Lafayette, IN 47905

Telephone: (317) 423-1533

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 155-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$23,000

Descriptors: *Long Range Planning, *Public Relations, *Educational Planning, *Regional Planning, *Cooperative Planning, *Needs Assessment, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A regionwide promotional program for vocational education will be developed, field tested, implemented, and evaluated. Coordinated regional and local plans will be developed for each area vocational program and postsecondary institution for fiscal years 1981-1985 which identify activities, resources available, and resources needed to meet identified needs.

001655**Career Ladder Articulation in Selected Vocational Disciplines.**

Project Director: Martin, William E.

Organization: Fort Wayne Community Schools, 1230 South Clinton Street, Ft Wayne, IN 46802

Telephone: (219) 425-7226

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 156-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$3,900

Descriptors: *Articulation Education, *Prior Learning, *Advanced Placement, *Equivalency Tests, Secondary Education, Postsecondary Education, Distributive Education, Auto Mechanics

Identifiers: State, Proposal

Articulated curriculum which avoid duplication or overlapping of learning units from secondary to postsecondary levels will be developed; secondary learning units which might be applied toward advanced standing for persons entering postsecondary programs will be identified. Two teams, each consisting of three teachers, one guidance person, and one administrator, will review and analyze existing distributive education and automotive occupations and curriculum; prepare recommendations; and identify levels of employment students are qualified for at various exit points. A final report will be prepared including an analysis of curriculum outlines containing listings of learning units arranged in chronological sequence from the time students begin a secondary vocational program and extending through completion of a postsecondary program. Recommendations will be made concerning awarding advanced standing in postsecondary programs, permitting students to test out of certain units, making available extended learning options, exit points and employment level preparation, promotion of the career ladder concept, and joint vocational organization activities.

001656**Development Project Plan.**

Project Director: Hoffman, Robert

Organization: Connersville Area Vocational School, 1000 Ranch Road, Connersville, IN 47331

Telephone: (317) 825-4161

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 157-80-III-14

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Long Range Planning, *Educational Planning, *Master Plans, *Needs Assessment, *Articulation Education, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A plan that identifies supportive services and program improvement activity needs for fiscal years 1980-1985 will be developed. Resources available or necessary to meet designated needs will be described, and areas of the plan that can be coordinated between secondary and postsecondary levels will be identified.

001657**Annual Plan Development for South Central Area Vocational School.**

Project Director: Brown, H. Ross

Organization: South Central Area Vocational School, RR 1, Hardinsburg, IN 47125

Telephone: (812) 472-3885

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 158-80-III-1

Funding Period: Start Date 01 Dec 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Master Plans, *Educational Planning, *Long Range Planning, *Needs Assessment, *Articulation Education, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

An annual plan for fiscal year 1980 and a long-range plan for fiscal years 1981-85 will be developed. Current supportive services and program improvement activities will be described and evaluated, and current and future needs determined. Plans will be coordinated with postsecondary vocational education.

001658**State Plan Printing.**

Project Director: Crowder, Barbara

Organization: Indiana State University, Indiana Curriculum Materials Center, TAW 200, Terre Haute, IN 47908

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 177-80-III-1

Funding Period: Start Date 01 Mar 80; End Date 30 Sep 80

Fiscal Year Funding: \$8,592

Descriptors: *Educational Planning, *Statewide Planning, *Master Plans

Identifiers: State, Proposal

The Indiana state plan for vocational and technical education will be printed.

001659**Development of an Area Program Vocational Manual and Long-range Plan.**

Project Director: Puryear, Jerome, Sr

Organization: Indianapolis Public Schools, 120 East Walnut Street, Indianapolis, IN 46204

Telephone: (317) 266-4436

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 153-80-III-1

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Ancillary School Services, *School Business Relationship, *Long Range Planning, *Records Forms, *Capital Outlay For Fixed Assets, *Needs Assessment, Models, Guides, Program Development

Identifiers: State, Proposal

A 1980 annual plan for capital equipment outlay assessment and a

long-range plan for 1981-1985 will be developed cooperatively by administration, staff, and an advisory committee. A coordinator's handbook for operations and planning also will be developed and disseminated to staff. Program improvement, supportive service, in-service, and advisory committee needs will be identified and reported. Vocational Education Data Systems forms information requiring extensive research will be identified. In addition to the model annual plan, a long-range plan for local business personnel and a plan for investigating retrieval information forms for identified vocational information will be produced.

Exemplary and Innovative (Sec. 132)

001597

Area Vocational District 47.

Organization: Greater Jasper Consolidated Schools, PO Box 191, Jasper, IN 47546

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 117-80-III-2

Funding Period: Start Date 01 Jan 80; End Date 31 Dec 80

Fiscal Year Funding: \$20,000

Descriptors: *Regional Planning, *Educational Assessment, *Instructional Improvement, *Needs Assessment, *Educational Administration

Identifiers: State, Proposal

A model for district planning in vocational education will be developed. The present vocational programs will be reviewed and analyzed and recommendations for improving instructional and physical facilities made. The needs of the students and communities will be analyzed and recommendations made. An area vocational director will be hired to serve all school corporations within the district; recommend needs of ongoing and new programs; supervise and coordinate surveys, in-service workshops, and curriculum development; and provide leadership to local programs including training activities.

001660

Area Vocational District 29 Planning Year.

Project Director: Hannah, James

Organization: Area 29 Vocational Education Cooperative, South Vermillion High School, RR 1, Clinton, IN 47842

Telephone: (317) 832-2653

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 290-80-III-2

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$28,125

Descriptors: *Educational Planning, *Program Development, Program Costs, Secondary Education, Regional Planning

Identifiers: State, Proposal

A project to assist in the development of an area vocational education program will be continued.

Curriculum Development (Sec. 133)

000247

Training of a Cadre of Performance-Based Vocational Education Curriculum Specialists/Writers.

Project Director: West, B. R.

Organization: Indiana University, Research and Sponsored Programs, 355 Lansing Street, Indianapolis, IN 46202

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 6-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$50,000

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Criterion Referenced Tests

Identifiers: State, Proposal

Twelve members from each of the vocational service areas will be selected to be trained as performance-based curriculum specialists/writers. At the conclusion of the thirty-two training sessions, each writer will complete a minigrant under the supervision of the project director. Each member will choose a program area from an occupational matrix and establish a training target consisting of a single occupational category with courses, job titles, and task lists for that category. Members will then construct task domains which exhibit a high degree of intradomain transfer of cognitive knowledge and psychomotor skill, identify the learning content associated with a selected domain of tasks, establish the learning content limits, and prepare and field test a domain-referenced test.

000237

Development of Occupational Matrices.

Project Director: West, B. R.

Organization: Indiana University, Research and Sponsored Programs, 355 Lansing Street, Indianapolis, IN 46202

Telephone: (317) 264-8285

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 70-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$33,000

Descriptors: *Competency Based Education, *Occupational Surveys, *Program Development

Identifiers: State, Proposal

Descriptive Note: This project also received \$7453 in local funds for FY 1980

Occupational matrices in six vocational areas to be identified will be developed to provide a process model from which performance-based programs may be structured and learning content identified. Working and advisory committees will be appointed to establish matrix dimension, a survey instrument will be constructed and field tested, and data will be collected and analyzed. A publication of Indiana's occupational universe will be produced.

000504

Vincennes University Postsecondary Instructional Learning Content in Printing Tasks.

Project Director: Whitkanack, Ken

Organization: Vincennes University, 1002 North First Street, Vincennes, IN 47391

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 8-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$20,000

Descriptors: *Printing, *Articulation Education, *College School Cooperation, *Task Analysis, Instructional Materials, Postsecondary Education, Secondary Education, Course Content

Identifiers: State, Proposal

Learning content for specific printing task domains, a printing program management plan, and a secondary-postsecondary articulation model will be developed. The model will be tested, evaluated, and revised.

000272

Vocational-Technical Education Consortium of States (V-TECS) Catalog Development in Agricultural Mechanics.

Project Director: Hamilton, W. H.

Organization: Purdue University, Department of Education, SCC G-10, West Lafayette, IN 47906

Telephone: 749-2093

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 9-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$10,000

Descriptors: *Competency Based Education, *Agricultural Engineering, *Behavioral Objectives, Evaluation Criteria, Agricultural Machinery Occupations, Check Lists, Task Analysis

Identifiers: State, Proposal, *Vocational Technical Education Con-

Consortium States

A catalog of performance objectives in three agricultural mechanics areas will be developed using the V-TECS process. A state-of-the-art report will be prepared, a survey instrument will be developed, and a writing team will develop performance guides. A field review catalog, which will be the basis for the final catalog, will be developed.

000223

Vocational-Technical Education Consortium of States (V-TECS): A Job Inventory Study to Identify Learning Content.

Project Director: Richards, Diane

Organization: New Educational Directions, Inc, P.O. Box 307, Crawfordville, IN 47933

Telephone: (317) 362-8877

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 10-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$10,000

Descriptors: *Competency Based Education, *Task Analysis, *Occupational Surveys, *Behavioral Objectives, *Course Content, Evaluation Criteria, Secondary Education, Postsecondary Education

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

The V-TECS catalog will be used to complete a V-TECS matrix within a chosen domain. A job task and tool and equipment inventory for each job title within the domain will be conducted and learning content required for each task developed. Existing V-TECS will be reviewed, and job incumbents will be interviewed to identify skills and knowledge needed to complete each task. Learning content for each task will be field reviewed by vocational instructors.

000224

Vincennes University Catalog of Objectives and Printing Articulation (COPA).

Project Director: Whitkanack, Ken

Organization: Vincennes University, 1002 North First Street, Vincennes, IN 47591

Telephone: (812) 885-4259

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 11-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$10,000

Descriptors: *Competency Based Education, *Articulation Education, *College School Cooperation, *Printing, *Behavioral Objectives, Secondary Education, Postsecondary Education, Task Analysis

Identifiers: State, Proposal, Vocational Technical Education Consortium States

A Vocational-Technical Education Consortium of States (V-TECS) catalog of tasks, task analysis, and performance objectives for job titles of one printing subcluster, and a secondary and postsecondary articulation model for using the catalog will be developed. The model will be tested, evaluated, and revised.

000072

Curriculum Articulation between Secondary and Postsecondary Levels (Continuation).

Project Director: Carter, Meredith L.

Organization: Indiana Vocational-Technical College, 1315 E. Washington Street, Indianapolis, IN 46202

Telephone: 635-6100

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 12-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$35,000

Descriptors: *Competency Based Education, *Instructional Materials, *College High School Cooperation, *Articulation Program, *Criterion Referenced Tests, Inservice Teacher Education, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Ivy Tech region 8 staff will receive in-service training in developing performance-based curriculum using available V-TECS materials and other task listings, and in using materials and media related to performance-based curriculum. A minimum of six programs and ten domains will be chosen from the following areas for joint curriculum development and secondary/postsecondary articulation: automotive mechanics programs, nursing assistant program, machine tool and welding program, industrial maintenance program, heating and air conditioning program, and clerk typist program. Articulation plans will be field tested and revised based on data collected and administrative and staff input.

000225

Local Implementation of Performance-Based Curriculum.

Project Director: Hankenhoff, Beverly

Organization: New Castle Community School Corporation, 522 Elliott Avenue, New Castle, IN 47362

Telephone: (317) 529-0340

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 13-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$35,000

Descriptors: *Articulation Education, *Inservice Teacher Education, *Competency Based Education, *Criterion Referenced Tests, Secondary Education, Postsecondary Education, Child Care, Typists, Welders, Carpenters, Machinists, Medical Assistants, Task Analysis

Identifiers: State, Proposal

Three domain-referenced tests for each of the following job titles will be developed and validated by field test: child care assistants, clerk-typists, combination welder, machinist, medical assistant, and rough carpenter. Interested secondary students and adults will be articulated into one or more of the areas. Secondary and postsecondary administrators, staff, and guidance personnel will receive in-service training on the articulation process, and one staff member per job title area from each institution will be trained to develop domain-referenced tests.

000229

Develop and Implement a Performance-Based Program in Auto Mechanics.

Project Director: Keiser, Jerry C.

Organization: Indiana Vocational-Technical College, 616 Wabash Avenue, Lafayette, IN 47905

Telephone: (317) 423-1533

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 14-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *Auto Mechanics, *Criterion Referenced Tests, Inservice Teacher Education, Task Analysis, Postsecondary Education

Identifiers: State, Proposal

Selected vocational automotive staff will be trained to develop performance-based programs or one to three domains in auto mechanics. Domains to be developed will be identified, a task analysis conducted, and limits on learning content set.

000248

Develop and Implement a Performance-Based Program in Auto Mechanics.

Project Director: Thompson, James L.

Organization: Tippecanoe School Corporation, 21 Elston Road, Lafayette, IN 47905

Telephone: (317) 474-2481

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 15-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *Auto Mechanics, *Criterion Referenced Tests, Inservice Teacher Education, Secondary Education, Task Analysis

Identifiers: State, Proposal

Selected vocational automotive staff will be trained and will then develop performance-based programs for one to three domains in auto mechanics. Domains to be developed will be identified, a task analysis conducted, and limits on learning content set.

000337

Develop and Implement a Performance-Based Program in Auto Mechanics.

Project Director: Keiser, Jerry; MacQwan, John

Organization: Area 10 Vocational Cooperative, 565 S. Main Street, Monticello, IN 47960

Telephone: (219) 583-9639

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 16-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Test Construction, *Auto Mechanics, *Criterion Referenced Tests, Postsecondary Education, Secondary Education

Identifiers: State, Proposal

Selected vocational automotive staff will be trained in domain-referenced test (DRT) construction and will then develop and field test DRTs for one to three domains in auto mechanics. Participants will be trained to identify learning content; establish content limits; and categorize content into cognitive, psychomotor, and other areas for testing. Trained staff could then serve as trainers for future performance-based curriculum development projects.

000244

Develop and Implement a Performance-Based Program in Auto Mechanics.

Project Director: None Listed

Organization: Benton Community School Corporation, Box 512, Fowler, IN 47944

Telephone: (317) 884-0850

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 17-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *Auto Mechanics, *Criterion Referenced Tests, Inservice Teacher Education, Task Analysis, Secondary Education

Identifiers: State, Proposal

Selected vocational automotive staff will be trained and will develop performance-based programs for one to three domains in auto mechanics. Domains to be developed will be identified, a task analysis conducted, and limits on learning content set.

000230

Implementation of Performance-Based Vocational Education (PBVE) Materials in a Business Area.

Project Director: Overton, Camila

Organization: North Daviess County Community Schools, RR 1, Elnora, IN 47529

Telephone: (812) 636-7307

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 18-80-III

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *College School Cooperation, *Office Occupations Education, *Business Education, *Criterion Referenced Tests, Secondary Education, Postsecondary Education, Task Analysis

Identifiers: State, Proposal

Performance-based business and office curriculum materials will be developed and implemented in coordination with Vincennes University. Teaching aids and materials will be obtained and tested. The Vincennes University business department will review project activities.

000246

Implementation of Performance-Based Vocational Education (PBVE) Materials in a Health Occupations Program.

Project Director: Schweikarth, Jill

Organization: Twin Rivers Vocational Area, South Knox School Corporation, P.O. Box 388, Monroe City, IN 47557

Telephone: (812) 743-2283

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 19-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *College School Cooperation, *Allied Health Occupations Education, *Criterion Referenced Tests, Secondary Education, Task Analysis

Identifiers: State, Proposal

Performance-based curriculum materials will be developed for a secondary health occupations program in coordination with an existing health occupations program at Vincennes University. At least three job titles to be implemented will be completed to the domain-referenced test level. The health occupations instructor will be assisted in setting up an advisory committee.

000245

Development and Trial of a Performance-Based Vocational Welding Program.

Project Director: Sterrett, Dan

Organization: Blue River Vocational-Technical Center, 789 St. Joseph Street, Shelbyville, IN 46176

Telephone: (317) 835-4057

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 20-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$4,000

Descriptors: *Competency Based Education, *Welding, *Criterion Referenced Tests, Task Analysis, Secondary Education

Identifiers: State, Proposal

A performance-based curriculum for welding will be developed and implemented. Based on a state survey, tasks for job title of welder's helper, combination welder, and production line welder will be developed. A random sample of welding students will use the new program and will be administered the domain-referenced tests to evaluate the program.

000073

Develop and Field Test Domain-Referenced Tests in Auto Mechanics.

Project Director: Keiser, Jerry C.

Organization: Indiana Vocational Technical College, 616 Wabash Avenue, Lafayette, IN 47905

Telephone: (317) 423-1533

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 21-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Tests Construction, *Criterion Referenced Tests, Auto Mechanics

Identifiers: State, Proposal

Selected vocational automotive staff will be trained in domain-referenced test (DRT) construction and will then develop and field test DRTs for one to three domains in auto mechanics. Participants will be trained to identify learning content; establish content limits; and categorize content into cognitive, psychomotor, and other areas for testing. Trained staff could then serve as trainers for future

performance-based curriculum development projects.

000338

Develop and Field Test Domain-Referenced Tests in Auto Mechanics.

Project Director: Thompson, James L.

Organization: Tippecanoe School Corporation, Area Vocational District 19, 21 Elston Road, Lafayette, IN 47905

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 22-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Test Construction, *Auto Mechanics, *Criterion Referenced Tests, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Selected vocational automotive staff will be trained in domain-referenced test (DRT) construction, and will then develop and field test DRTs for one to three domains in auto mechanics. Participants will be trained to identify learning content; establish content limits; and categorize content into cognitive, psychomotor, and other areas for testing. Trained staff could then serve as trainers for future performance-based curriculum development projects.

000339

Develop and Field Test Domain-Referenced Tests in Auto Mechanics.

Organization: Benton Community School Corporation, Box 512 Fowler, IN 47944

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 23-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Test Construction, *Auto Mechanics, *Criterion Referenced Tests, Postsecondary Education, Secondary Education

Identifiers: State, Proposal

Selected vocational automotive staff will be trained in domain-referenced test (DRT) construction and will then develop and field test DRTs for one to three domains in auto mechanics. Participants will be trained to identify learning content; establish content limits; and categorize content into cognitive, psychomotor, and other areas for testing. Trained staff could then serve as trainers for future performance-based curriculum development projects.

000335

Development of Performance-Based Vocational Education Materials in Printing.

Project Director: Carnahan, Joyce Ann

Organization: Twin Rivers Vocational Area/South Knox School Corporation, P.O. Box 388, Monroe City, IN 47557

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 24-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Printing, *College High School Cooperation, *Competency Based Education, *Test Construction, Inservice Teacher Education, Criterion Referenced Tests

Identifiers: State, Proposal

Project staff will develop one job title to the domain-referenced test level in printing, develop working relationships with the Vincennes University printing department, and allow for future planning of inservice programs for secondary and postsecondary printing teachers. A chart of communications for the secondary and postsecondary printing programs in the area will also be developed.

000340

Development of Performance-Based Materials in Floriculture.

Project Director: Bobe, Robert

Organization: North Knox School Corporation, R.R. 1, P.O. Box 187, Bicknell, IN 47512

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 25-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,424

Descriptors: *Floriculture, *Test Construction, *Competency Based Education, *College High School Cooperation, *Criterion Referenced Tests, Instructional Materials, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

One job title in floriculture will be completed to the domain-referenced test level in cooperation with the Vincennes University horticulture department. Learning content will be determined and learning content limits set. The project should result in improved communication between secondary and postsecondary programs.

000341

Vincennes University Printing Articulation through Testing.

Project Director: Whitkanack, Ken

Organization: Vincennes University, 1002 North First Street, Vincennes, IN 47591

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 26-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Printing, *Competency Based Education, *College High School Cooperation, *Articulation Education, *Test Construction, *Criterion Referenced Tests, Models, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A domain-referenced test (DRT) for one printing task domain and secondary/postsecondary articulation model for use of the DRT will be developed. The model, for use in assessing students' skills, will be refined and revised as needed. In addition, the model will improve printing instruction and prevent duplicate instruction, saving on time, materials, energy, and machine wear.

000342

Development and Implementation of Domain-Referenced Testing in Vocational Welding.

Project Director: Sterrett, Dan

Organization: Blue River Vocational-Technical Center, 789 St. Joseph Street, Shelbyville, IN 46176

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 28-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,424

Descriptors: *Competency Based Education, *Welders, *Test Construction, *Criterion Referenced Tests, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A domain-referenced testing model for welder's helper will be developed and implemented to ensure that students are more compatible with industry's needs, and to improve recruitment and selection procedures. The state survey of job titles and related tasks will be analyzed; postsecondary educators and industry personnel will be consulted; and tests to measure each skill will be developed. The model will be field tested with a sample of vocational students.

000249

Coordination of State Board of Vocational and Technical Education Projects Which Provide a Performance-Based Vocational Education Data Base.

Project Director: West, B. R.

Organization: Indiana University, Research and Sponsored Programs, 355 Lansing Street, Indianapolis, IN 46202

Telephone: (317) 264-2277

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 29-80-III-3

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$129,000

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Instructional Materials, *Test Construction, *Criterion Referenced Tests, *Behavioral Objectives, Information Dissemination

Identifiers: Vocational Technical Education Consortium States, State, Proposal

Staff at fifteen project sites will be trained to develop domain-referenced tests, occupational matrices, and Vocational-Technical Education Consortium of States (V-TECS) catalogs, and to identify learning content according to Indiana's performance-based methodology. A communications link among the projects, and between the projects and the state board of vocational and technical education will be established. Results will be communicated through articles in journals and bulletins, workshops, and short presentations.

001661

Vocational-Technical Education Consortium of States (V-TECS) Membership.

Project Director: Gentry, Don K.

Organization: State Board of Vocational and Technical Education, 401 Illinois Building, 17 West Market Street, Indianapolis, IN 46204

Sponsoring Agency: Indiana State Board of Vocational And Technical Education, Indianapolis

Contract/Control No.: 281-80-III-3

Funding Period: Start Date 01 Jun 80; End Date 31 May 81

Fiscal Year Funding: \$20,000

Descriptors: *Consortia, Instructional Materials, Postsecondary Education, Secondary Education

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

Project funds will pay membership dues to V-TECS.

IOWA

Research (Sec. 131)

000273

Displaced Homemakers: Who Are They and What Are Their Vocational Needs.**Project Director:** McClurg, Ron**Organization:** Des Moines Area Community College, Ankeny, IA 50021**Telephone:** (515) 964-6418**Sponsoring Agency:** Iowa State Dept. of Public Instruction, Des Moines**Contract/Control No.:** FCS-80-04**Funding Period:** Start Date 01 Jul 79; End Date 31 Mar 80**Fiscal Year Funding:** \$23,000**Descriptors:** *Information Retrieval, *Data Collection, *Displaced Homemakers, *Needs Assessment, *State Surveys, Career Counseling, Information Systems, Females, Employment Potential**Identifiers:** State, Proposal

An information retrieval system to identify displaced homemakers and other special groups will be developed and implemented. A data collection instrument to assess the vocational preparation and placement needs of these groups will be designed and administered. The final report will include the applicability of the methodology and results of the needs assessment and survey results.

001662

Dissemination of Experienced-based Career Education Curriculum Materials for Mildly Mentally Disabled Students (Continuation).**Project Director:** Larson, Carl**Organization:** Iowa Central Community College, Fort Dodge, IA 50501**Sponsoring Agency:** Iowa State Dept. of Public Instruction, Des Moines**Funding Period:** Start Date 01 Jun 78; End Date 31 May 81**Fiscal Year Funding:** \$37,774**Descriptors:** *Mental Retardation, *Information Dissemination, *Instructional Materials, *Work Experience Programs, Instructional Staff, Manuals, Program Development, Program Evaluation, Teacher Education, Teaching Procedures**Identifiers:** State, Proposal, *Experienced Based Career Education Program

With the assistance of the Experienced-based Career Education-Mentally Disabled (EBCE-MD) staff of Iowa Central Community College, an individualized system for disseminating EBCE-MD materials and procedures will be provided through AEAs to give mentally disabled students access to vocational education. All Iowa AEAs will be oriented to the EBCE-MD program, work experience instructors or coordinators will be trained in the process, and each AEA will develop the capacity to establish the EBCE-MD program. After the program has been implemented in each AEA, it will be evaluated by a third party. Manuals for EBCE-MD training, experience site training, student evaluation, and staff evaluation will be produced.

Curriculum Development (Sec. 133)

001598

Competency-based, Individualized Instructional Development Workshop (Continuation).**Project Director:** Wu, C. David**Organization:** Hawkeye Institute of Technology, Waterloo, IA**Telephone:** (319) 296-2320**Sponsoring Agency:** Iowa State Dept. of Public Instruction, Des Moines**Contract/Control No.:** FCS-79-34**Funding Period:** Start Date 01 Nov 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,053**Descriptors:** *Disadvantaged Youth, *Disabilities, *Individualized Instruction, *Learning Modules, *Competency Based Education, *Instructional Materials, Behavioral Objectives, Job Skills, Student Evaluation, Task Analysis, Postsecondary Education**Identifiers:** State, Proposal

To better meet the needs of vocational students who are academically, socioeconomically, culturally, physically, or mentally handicapped, instructors at Hawkeye Institute of Technology will develop their skills in using competency-based vocational instruction, which will enable them to accommodate a broad range of vocational interests, occupational values, and learner aptitudes. Instructional modules will be developed for selected vocational and technical preparatory programs.

001599

Develop, Test and Provide In-service Activities Utilizing Curriculum Materials within the Instructional Activities Handbook for Improvement of Related Instruction for Trade and Industrial Education Programs Employing the Cooperative Method of Instruction.**Project Director:** Wolansky, William D.**Organization:** Iowa State University, Ames, IA 50011**Sponsoring Agency:** Iowa State Dept. of Public Instruction, Des Moines**Contract/Control No.:** FCS-80-02**Funding Period:** Start Date 01 Jul 79; End Date 28 Feb 81**Fiscal Year Funding:** \$9,854 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Trade and Industrial Education, *Cooperative Education, *Curriculum Guides, Curriculum Development, Secondary Education, Competency Based Education, Learning Activities**Identifiers:** State, Proposal

Instructors and 1,600 students initially will benefit from the development of a handbook of related instructional activities for trade and industrial programs using the cooperative method of instruction in secondary schools, field testing of the activities, and development and implementation of a competency-based, in-service model for handbook dissemination. Activities will be provided for handicapped and disadvantaged populations, sex bias and sex-role stereotyping will be eliminated, and community involvement will be greater in the improved trade and industrial programs. A needs assessment survey will be conducted, and an advisory committee and a practitioners task force will be used.

KANSAS

Research (Sec. 131)

000074

Occupational Profiles.**Organization:** Unified School District 232, Desoto, KS 66018**Telephone:** (913) 585-1141**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-131-01**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,869 (Charged to FY 1979)**Descriptors:** *Occupational Information, *Employment Opportunities, Manpower Needs, Demand Occupations, Employment Projections**Identifiers:** *Emerging Occupations, State, Proposal**Descriptive Note:** This project also received \$375 in local funds for FY 1979

Occupational profile books will be constructed and disseminated to Kansas schools and participating agencies for existing and emerging occupations identified as having favorable employment opportunities. Data will be collected, compared to classified ads, and recorded for analysis and projection. An occupational profile will be prepared for each area in book form showing projected demand and wages as they relate to poverty guidelines.

000075

Research Study To Determine the Extent to Which Gifted and Talented Students Can Be Educationally Served by Vocational Schools or Vocational Programs at the Elementary or Secondary Level.**Organization:** Kansas State University, Department of Adult and Occupational Education, Manhattan, KS 66506**Telephone:** (913) 532-5797**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-131-03**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$8,667 (Charged to FY 1979)**Descriptors:** *Program Evaluation, *Talents, *Academically Gifted, *Program Development, School Surveys, Enriched Programs**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$7,232 in local funds for FY 1979

The role of vocational education in programs for the gifted and talented will be determined through surveys of existing schools and programs in the states. A plan or model for a pilot project will be developed and a closer working relationship among schools, business, faculty, and parents will be established. Project personnel will evaluate the survey information; visit programs; and plan, organize, and assess the need for a pilot program in Kansas. The model or plan will be published.

000076

Postsecondary Vocational-Technical Articulation Model for Kansas Area Vocational Technical Schools and Community Colleges.**Project Director:** Hooper, James**Organization:** Seward County Community Junior College, Liberal, KS 67901**Telephone:** (316) 624-5678**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-131-08**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$9,362 (Charged to FY 1979)**Descriptors:** *Articulation Program, *College School Cooperation, *Cooperative Planning, Secondary Education, Postsecondary

Education, Models, Community Colleges, Economic Factors, Shared Services

Identifiers: State, Proposal**Descriptive Note:** This project also received \$9,362 in local funds for FY 1979

A model for cooperative training arrangements between area vocational schools and community colleges will be developed to eliminate duplication and improve attitudes toward vocational training. A statewide task force will identify problems of cooperation and work out cooperative arrangements. Solutions will be identified for shrinking enrollments, economic problems resulting from inflation and recession, restricted funding, and uses of resources in providing postsecondary level vocational training.

000077

Kansas Solar Technology Manpower Training Study.**Organization:** Seward County Community Junior College, Liberal, KS 67901**Telephone:** (316) 624-1951**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-131-09**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$9,625 (Charged to FY 1979)**Descriptors:** *Learning Modules, *Educational Needs, *Solar Radiation, *Manpower Needs, Instructional Materials, Postsecondary Education, Skill Analysis, Occupational Information**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$9,625 in local funds for FY 1979

The project will provide information for incorporating solar training modules into vocational and technical and community college curricula in the state. This information will provide jobs for individuals in a new technology and assist in energy needs. A survey will be conducted to determine solar equipment demands and manufacturers' projected market expansion; a representative cross section of consumer demand studies will be reviewed and analyzed, and a skills analysis will be conducted of the installation, maintenance, and repair of solar systems to make available data for projecting solar manpower needs in Kansas and for identifying the type of training needed to supply those needs.

000078

Evaluation of Volunteer Industry Involvement in Kansas Vocational Technical Schools.**Project Director:** Meisner, Robert**Organization:** Kansas State University, Department of Adult and Occupational Education, Manhattan, KS 66506**Telephone:** (913) 532-5896**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-131-13**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$10,388 (Charged to FY 1979)**Descriptors:** *Program Evaluation, *School Business Relationship, *Educational Quality, Program Planning, Graduate Surveys**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$4,556 in local funds for FY 1979

The relationship of industry involvement to the quality of vocational education and the kinds of involvement that contribute most will be determined to provide data for decision making. How volunteer industry involvement contributes to Kansas vocational technical education will be determined by economic returns to programs, economic returns to program completers, and evaluations of

program completers by their employers. The kind of volunteer industry involvement will be determined by program for fifty programs chosen from the fourteen Kansas area vocational technical schools. A Delphi committee of area vocational school directors will determine criteria for involvement, and the Minnesota Scale will be used to measure how satisfactory jobs are.

000079

Computerized Kansas Program Assistance and Review (K-PAR) Instruments - Phase 2.

Project Director: Scott, Robert E.

Organization: Kansas State University, Department of Adult and Occupational Education, Manhattan, KS 66506

Telephone: (913) 532-5939

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-131-14

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,087 (Charged to FY 1979)

Descriptors: *Data Bases, *Data Analysis, *Measurement Instruments, *Program Evaluation, Decision Making, Program Planning, Evaluation Methods

Identifiers: State, Proposal

Descriptive Note: This project also received \$2,266 in local funds for FY 1979

The interpretation of collected data for the state plan for vocational education will be expedited, and a data base will be provided for local and statewide decision making concerning vocational programs. Evaluations will be performed at the local education agencies by state vocational education staff, and collected data will be sent to Kansas State University for processing. Required evaluation forms and instruments will be modified, revised, and duplicated; statistical scales will be keypunched, verified, and developed; and a reliability and factor analysis will be performed on instruments and employer satisfaction forms. Required computer programming will be developed, and raw data will be extrapolated. Onsite school visits will be conducted to verify reported data.

000094

Occupational Employment Statistics Support.

Project Director: Rice, Fred

Organization: Kansas State Department of Education, Department of Human Resources, Topeka, KS 66603

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-131-17

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,000 (Charged to FY 1979)

Descriptors: *Occupational Surveys, *Employment Projections, *Manpower Needs, State Agencies, Career Counseling, Career Planning, Interagency Cooperation

Identifiers: State, Proposal

Analyzed data on manpower supply and projected manpower needs will be disseminated to state planners, managers, and interviewers to facilitate state planning, development, and use of training resources. Counselors will be supplied with information to assist students in making career choices; business location and expansion in Kansas will be enhanced through the availability of reliable occupational supply data; and faster communication, coordination, and cooperation will occur among various state agencies providing training programs. Three staff persons will design an instrument to survey manufacturing, nonmanufacturing, and trade and regulated industries to identify their employment needs.

001663

Study of the Working Conditions and Salaries of Vocational Education Teachers.

Project Director: Ahn, Woo S.

Organization: Unified School District 286, Sedan, KS 67361

Telephone: (316) 725-3188

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-131-18

Funding Period: Start Date 22 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,000

Descriptors: *Vocational Education Teachers, *State Surveys,

*Working Conditions, *Teacher Salaries, *Fringe Benefits, Secondary Education

Identifiers: State, Proposal

Survey data from vocational education teachers in Kansas on salaries, working conditions, and fringe benefits will be compiled and distributed. The adequacy of facilities will be analyzed; whether the workload is compatible with the best interests of the program will be determined.

Exemplary and Innovative (Sec. 132)

000080

Multicampus Pilot Project for the Training of Drilling, Well Servicing, and Pumping Personnel for the Petroleum Industry of Kansas.

Project Director: Gallentine, Jerry L.

Organization: Barton County Community College, Great Bend, KS 67530

Telephone: (316) 792-2701

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-132-01

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$24,108 (Charged to FY 1979)

Descriptors: *Adult Education, *Petroleum Industry, *School Business Relationship, *competency Based Education, *Inservice Programs, Teaching Techniques, Audiovisual Aids

Identifiers: State, Proposal

Descriptive Note: This project also received \$23,305 in local funds for FY 1979

Adults already employed by the petroleum industry will be trained or upgraded in a criterion-referenced program which will be a model for cooperative efforts between private industry and public education institutions for training petroleum-related personnel. Inservice instructional delivery systems will be analyzed, a series of successful instructional techniques will be developed, and audiovisual aids will be tested. Training will be conducted on three separate campuses with each program designed to serve the needs of industry in the area. Controls, records, and supervision will be maintained at each site, and techniques will be duplicated for statewide dissemination.

000081

Integrating Computer Programming into Vocational Curriculum.

Project Director: Dempsey, Willard F.

Organization: Unified School District 503, Parsons, KS 67357

Telephone: (316) 421-3660

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-132-03

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$12,569 (Charged to FY 1979)

Descriptors: *Computer Science, *Office Occupations Education, Nontraditional Occupations, Secondary Education, Teaching Skills, Training Techniques, Males

Identifiers: State, Proposal

Descriptive Note: This project also received \$7,450 in local funds for FY 1979

A model program for integrating computer technology into regular office education programs and for including more males into non-traditional occupations will be developed; computer technology as a basic skill also will be developed. Interest and enrollment in office education at the secondary level and saleable skills of graduates will be increased. Teaching skills in microcomputer operation for ongoing and future business courses will be developed, and training procedures for students in microcomputer operations will be established. An information brochure will be disseminated statewide, and three workshops will be held at Parsons High School.

Curriculum Development (Sec. 133)

000082

Revising and Updating Vocational Agriculture Core.**Project Director:** Field, Ralph G.**Organization:** Kansas State University, Department of Adult and Occupational Education, Holton Hall, Manhattan, KS 66506**Telephone:** (913) 532-5535**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-01**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$4,670 (Charged to FY 1979)**Descriptors:** *Instructional Materials, *Curriculum Evaluation, *Core Curriculum, *Units of Study, *Agricultural Education, Curriculum Development, Secondary Education, Postsecondary Education, Course Content**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$1,888 in local funds for FY 1979

Updated vocational agriculture curriculum material will be available to all secondary and postsecondary vocational agriculture programs, and 155 secondary vocational programs serving 9,000 students will be provided with a revised curriculum as a basic text. Instructional units will be evaluated and subsequently updated and revised; subject matter will be validated. Approval of the revised units containing at least 60 percent of the instruction required will be obtained from Kansas Vocational Agriculture Teachers Association.

000083**Develop a Competency-Based Handbook for Beginning Vocational Teachers.****Project Director:** Claycomb, Donald**Organization:** Kansas State University, Department of Adult and Occupational Education, Manhattan, KS 66506**Telephone:** (913) 532-5535**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-04**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$8,139 (Charged to FY 1979)**Descriptors:** *Faculty Handbooks, *Competency Based Teacher Education, *Beginning Teachers, *Vocational Education Teachers, Staff Development, Behavioral Objectives**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$4,428 in local funds for FY 1979

A competency-based handbook will be developed to assist beginning vocational teachers and improve their effectiveness and to assist in reducing the vocational teacher turnover rate in Kansas. Additionally, the efficiency of state staff charged with providing supervision and inservice training will be increased. A committee of selected vocational teachers will assist in developing the handbook which will be refined by state staff and published.

000084**Development of Specialized Postsecondary Business Occupations Curriculum Guides.****Project Director:** Groneman, Nancy**Organization:** Emporia State University, Business Education Department, Emporia, KS 66801**Telephone:** (316) 343-1200**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-05**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$5,345 (Charged to FY 1979)**Descriptors:** *Curriculum Guides, *Business Education, *Office Occupations, Postsecondary Education, Curriculum Development, Data Processing Occupations, Distributive Education, Insurance Occupations, Management Education, Secretaries**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$440 in local funds for FY 1979

Specialized curriculum guides for office occupations, data processing, and distributive education will be developed for postsecondary business occupations programs in Kansas. Existing curriculum guides will be analyzed and tentative guides developed for occupations where needed, including insurance occupations, small business management,

and legal secretary work. Educators and occupational leaders will revise and validate the guides prior to printing and statewide dissemination.

000085**Revising and Updating the 1972 'Business Education Guidelines Handbook'.****Project Director:** Walters, George**Organization:** Emporia State University, Business Education Department, Emporia, KS 66801**Telephone:** (316) 343-1200**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-06**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$1,650 (Charged to FY 1979)**Descriptors:** *Faculty Handbooks, *Guidelines, *Business Education, Curriculum Guides, Business Education Teachers, Teacher Education, Instructional Materials**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$1,750 in local funds for FY 1979

An updated and revised business education guidelines handbook will be available to each institution in Kansas that teaches business education and to each business education instructor for planning, teaching, and evaluating. Consultants for the original handbook, developed in 1972, will be retained and a writer's commission composed of vocational and nonvocational business educators formed to write the revised and updated handbook. The handbook will contain curriculum descriptions and guidelines for business education and business occupations courses and progress in Kansas for use in local and statewide vocational education planning, curriculum, and instructional materials development, teacher education, and evaluation.

000086**Updating, Improving, Expanding, and Evaluating Vocational Curriculum Dissemination in Kansas.****Project Director:** Slapar, Frank**Organization:** Pittsburg State University, Kansas Vocational Curriculum Dissemination Center, Pittsburg, KS 66761**Telephone:** (316) 231-7000**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-07**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$39,942 (Charged to FY 1979)**Descriptors:** *Instructional Materials, *Instructional Materials Centers, Administrative Personnel, Inservice Teacher Education**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$21,985 in local funds for FY 1979

Curriculum materials to improve vocational programs in Kansas will be accessible to administrators and instructors through local education agencies, and dissemination of materials developed statewide will reduce duplication. In providing the curriculum materials, the Kansas Vocational Curriculum Dissemination Center will increase and expend its search capabilities locally, statewide, and nationally; review incoming materials for sex bias and sex-role stereotyping; and develop materials which are not available. Instructors will be assisted through the use of inservice activities which will aid administrators and instructors in curriculum materials usage, development, and acquisition.

000087**Development of Competency-Based Curricula for Secondary Business Occupations in Kansas.****Project Director:** Groneman, Nancy**Organization:** Emporia State University, Business Education Department, Emporia, KS 66801**Telephone:** (316) 343-1200**Sponsoring Agency:** Kansas State Dept. of Education, Topeka**Contract/Control No.:** 80-133-08**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$5,000 (Charged to FY 1979)**Descriptors:** *Program Planning, *Business Education, *Office Oc-

cupations, *Curriculum Guides, *Competency Based Education, *Rural Schools, Curriculum Development, Manpower Needs

Identifiers: State, Proposal

Descriptive Note: This project also received \$440 in local funds for FY 1979

A series of validated curriculum guides for noncooperative business occupations will be developed for rural areas that do not have the resources for cooperative education. The guides will include occupations for which workers will be prepared, methods used, sequenced and leveled standard courses, standardized competency areas developed in the program, and teacher qualifications. Programs to lessen sex stereotyping in office occupations will be developed, and alternate programs to lessen competition for students in cooperative education will be provided. Project staff and an advisory committee will analyze existing curricular efforts and manpower data; competency-based curriculum will be developed, reviewed, and evaluated by staff, outside resource consultants, and the project advisory committee.

000088

Updating the Kansas Young Farmer and Young Farm Wives Resource Personnel Directory.

Project Director: Welton, Richard F.

Organization: Kansas State University, Department of Adult and Occupational Education, Manhattan, KS

Telephone: (913) 532-5535

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-09

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,503 (Charged to FY 1979)

Descriptors: *Directories, *Instructional Materials, *Student Organizations, *Young Farmer Education, Curriculum Development, Program Evaluation, Postsecondary Education

Identifiers: State, Proposal

Descriptive Note: This project also received \$399 in local funds for FY 1979

Revised and up-to-date curriculum materials for Young Farmer and Young Farm Wives programs will be provided to increase the number and improve the quality of these postsecondary level programs in Kansas. The programs will be revised based on the Young Farmer and Young Farm Wives program assessment performed in fiscal year 1979. The resource personnel directory will be revised and updated and copies made available to chapter members.

000089

Solar Curriculum Development in State Community Colleges and Area Vocational Technical Schools.

Project Director: Hooper, James

Organization: Seward County Community Junior College, Liberal, KS 67901

Telephone: (316) 624-1951

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-11

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,680 (Charged to FY 1979)

Descriptors: *Solar Radiation, *Paraprofessional Personnel, *Learning Modules, *Task Analysis, Curriculum Development, Manpower Development, Community Colleges, Secondary Education, Postsecondary Education, Area Vocational Schools

Identifiers: State, Proposal

Descriptive Note: This project also received \$8,680 in local funds for FY 1979

A solar curriculum adaptable to short term, intensive and part-time training will be developed for students enrolled at area vocational and technical schools and community colleges in Kansas. The curriculum will include components of existing programs capable of fulfilling the competency needs of solar technology workers in the next decade and will serve as a model for community colleges and area vocational and technical schools to use in responding to industry needs and in supplying the manpower for new solar technology as it develops. The curriculum to train solar technicians to install, maintain, and repair solar energy systems will have a modular approach and will include existing training programs in sheet metal fabrication and heating and air conditioning as an integral part. Task analyses will be performed to identify and delineate skills and competencies needed by solar technicians.

conditioning as an integral part. Task analyses will be performed to identify and delineate skills and competencies needed by solar technicians.

000090

Competency-Based Curriculum Guides for Vocational Education Training in Alternate Energy.

Project Director: Guild, Don

Organization: Seward County Community Junior College, Liberal KS 67901

Telephone: (316) 624-1951

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-12

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$9,700 (Charged to FY 1979)

Descriptors: *Energy, *Solar Radiation, *Paraprofessional Personnel, *Curriculum Guides, *Competency Based Education, Curriculum Development, Program Development, Construction Industry, Entry Workers, Postsecondary Education

Identifiers: State, Proposal

Descriptive Note: This project also received \$9,700 in local funds for FY 1979

Technicians trained for alternate energy occupations and a model curriculum package will result from this project to design basic core curricula for dealing with the energy crisis and for training solar technicians for entry-level positions in the construction industry. Competency-based curriculum guides will be disseminated to postsecondary institutions to implement training programs for alternate energy technicians. Available materials relating to energy will be collected and analyzed. Curriculum guides to support existing related curriculum will be developed in two phases: eleven for awareness in phase 1 and eight for training in phase 2.

000091

Safety Awareness Handbook.

Project Director: Ebert, C. Smiley

Organization: Unified School District 259, Wichita, KS 67211

Telephone: (316) 265-0771

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-13

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$12,000 (Charged to FY 1979)

Descriptors: *Faculty Handbooks, *School Safety, *Safety Education, Program Development, Accident Prevention

Identifiers: State, Proposal

A Safety Awareness Handbook to promote school safety and provide a guide for course implementation for safety awareness will be published and made available from the Kansas Vocational Curriculum Dissemination Center. A steering committee will be established to determine format and to revise and approve materials for the handbook which will provide direction in accident prevention, defense, and protection. Writing teams will be formed.

000092

Develop Materials on Metrics for the World of Work.

Project Director: Albracht, James

Organization: Kansas State University, Department of Adult and Occupational Education, Manhattan, KS 66506

Telephone: (913) 532-5535

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-15

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,500 (Charged to FY 1979)

Descriptors: *Metric System, *Instructional Materials, Vocational Education Teachers, Teacher Workshops, Curriculum Development

Identifiers: State, Proposal

Descriptive Note: This project also received \$1,073 in local funds for FY 1979

Sixty vocational instructors and approximately 300 vocational students will be introduced to the use of metrics in the world of work, and comprehensive materials for metrics instruction will be made available to Kansas vocational educators. Workshops will be conducted to assist instructors in developing materials for metrics instruction.

tion. The materials developed will then be trial tested by instructors, evaluated by project staff, and disseminated.

000093

Dissemination of the Revised and Updated Business Education Guideline Handbook.

Project Director: Metcalf, Richard

Organization: Flint Hills Area Vocational-Technical School, Emporia, KS 66801

Telephone: (316) 342-6404

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-16

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000 (Charged to FY 1979)

Descriptors: *Faculty Handbooks, *Guidelines, *Business Education, Curriculum Guides, Business Education Teachers, Teacher Education, Instructional Materials

Identifiers: State, Proposal

Two thousand copies of the revised and updated Business Education Guideline Handbook will be disseminated to business education programs (office education, distributive education, and others) to improve the quality of training. Flint Hills Area Vocational-Technical School will develop, edit, assemble, and initially disseminate the handbook.

001664

Developing a Program Planning Guide for Kansas Farm Business Analysis Programs.

Project Director: Welton, Richard F.

Organization: Kansas State University, Adult and Occupational Education, Manhattan, KS 66506

Telephone: (913) 532-5535

Sponsoring Agency: Kansas State Dept. of Education, Topeka

Contract/Control No.: 80-133-17

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,264

Descriptors: *Guides, *Program Development, *Agricultural Education, *Agribusiness, *Farm Management, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A program planning guide for Kansas farm business analysis instructors will be edited, produced, field tested and distributed for statewide use.

KENTUCKY

Research (Sec. 131)

000344

Review, Revision, and Field Test of Mining Careers and Safety Course of Study.

Project Director: Shell, Vicki

Organization: Murray State University, Murray, KY

Telephone: (502) 762-3392

Sponsoring Agency: Kentucky State Dept. of Education, Frankfort

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,210

Descriptors: *Technical Occupations, *Instructional Materials, *Safety Education, *Secondary Education

Identifiers: *Mining, State, Proposal

The scope, sequence, lesson plans, and other support materials for the mining careers and safety program will be reviewed, revised and field tested to develop a uniform secondary level curriculum with valid instructional components. Workshops for those persons involved with mining careers and safety programs will be planned and conducted.

000343

Limited-English-Speaking Ability (LESA) Vocational Education in Kentucky: Identification of Successes and Barriers to Success.

Project Director: Adams, Susan

Organization: Western Kentucky University, Center for Career and Vocational Teacher Education, Bowling Green, KY 42101

Telephone: (502) 745-3441

Sponsoring Agency: Kentucky State Dept. of Education, Frankfort

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,627

Descriptors: *English Second Language, *Program Effectiveness Non English Speaking, *Program Evaluation, *Success

Identifiers: State, Proposal

Personal, educational, and social factors that may be perceived as barriers to effective participation in vocational education by students of limited-English-speaking ability (LESA) will be identified. Vocational education programs which are providing effective vocational education for LESA students in Kentucky will be identified and described, and recommendations for improving the quality of vocational education for LESA students will be made. Instruments for teacher and administrator interviews will be developed and field tested. Classroom observation data on LESA students in twenty-four vocational education classrooms will be collected by trained observers. Validated instruments will be used to collect two sets of SET data for all LESA students designated for observation.

000505

Research the Career-Based Vocational Education (CBVE) Effectiveness of the Consortium of Murray State University, Northern Kentucky University, and the University of Louisville.

Project Director: Scott, Gary D.; And Others

Organization: Northern Kentucky University, Highland Heights, KY

Telephone: (606) 292-5467

Sponsoring Agency: Kentucky State Dept. of Education, Frankfort

Contract/Control No.: G58810013F

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$11,102

Descriptors: *Competency Based Education, *Attitude Measures, *Educational Assessment, *Teaching Methods, Conventional Instruction, Program Implementation

Identifiers: State, Proposal

Students, teachers, and administrators who have used competency-based vocational education (CBVE) modules will be surveyed to determine their attitudes toward the CBVE approach. Other objectives are to compare the CBVE method of instruction including cognitive-style mapping to the traditional teaching method, to assess strengths and weaknesses in the in-service education program for CBVE teachers and administrators, to compare CBVE with traditional programs in terms of placement and employer satisfaction, and to develop strategies for overcoming barriers to optimal implementation. A report including recommendations will be delivered.

000506

Research the Career Based Vocational Education (CBVE) effectiveness of the Consortium of Murray State University, Northern State University, and the University of Louisville.

Project Director: Wells, Randy; And Others

Organization: Louisville University, Louisville, KY

Telephone: (502) 762-4185

Sponsoring Agency: Kentucky State Dept. of Education, Frankfort

Contract/Control No.: H2881003F

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$39,938

Descriptors: *Competency Based Education, *Attitude Measures, *Educational Assessment, *Teaching Methods, Conventional Instruction, Program Implementation

Identifiers: State, Proposal

Students, teachers, and administrators who have used competency-based vocational education (CBVE) modules will be surveyed to determine their attitudes toward the CBVE approach. Other objectives are to compare the CVBE method of instruction including cognitive-style mapping to the traditional teaching method, to assess strengths and weaknesses in the in-service education program for CBVE teachers and administrators, to compare CBVE with traditional programs in terms of placement and employer satisfaction, and to develop strategies for overcoming barriers to optimal implementation. A report including recommendations will be written.

000270

CETA Vocational Education Coordination.

Project Director: Owens, Devert; Lamar, Carl F.

Organization: University of Kentucky, Lexington, KY

Telephone: 257-1685

Sponsoring Agency: Kentucky State Dept. of Education, Frankfort

Contract/Control No.: V28810033F

Funding Period: Start Date 02 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,000

Descriptors: *Agency Cooperation, *Coordination, *Delivery Systems, *Educational Resources

Identifiers: State, Proposal, *Comprehensive Employment and Training Act

A better understanding of the nature and basic requirements of the CETA program and a knowledge of vocational education resources available to support CETA programs will be developed among vocational education personnel. Coordination and linkage between the specialized support functions of the Bureau of Vocational Education and CETA clients will be improved, and strategies to improve the delivery of vocational education specialized support services to CETA will be developed. Attempts will be made to overcome barriers to meeting requests for programs and support services from the prime sponsor. A plan that includes strategies and procedures for implementing CETA-funded programs will be completed.

000507

Placement and Follow Up.

Organization: University of Kentucky, Lexington, KY
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: V28810023F
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$6,335
Descriptors: *Job Placement, *Followup Studies, *Program Evaluation, *Program Effectiveness, *Inservice Education, Systems Analysis
Identifiers: State, Proposal

The Kentucky placement and follow-up system will be assessed to determine the effectiveness of the different components and the potential usefulness of the system. Objectives will include surveying the fourteen education regions to determine the extent to which they have implemented the system and identifying barriers and implementing methods and strategies for analyzing placement and follow-up data to determine the effectiveness of vocational education programs. At least two in-service workshops on implementing the system will be conducted to inform personnel about possible use of the data generated by different components of the system.

000508

Teacher Education Accountability System.

Organization: University of Kentucky, Lexington, KY
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: V28810033F
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$6,005
Descriptors: *Teacher Education Programs, *Accountability, *Recordkeeping, *Educational Assessment, *Program Evaluation, *Information Needs, Check Lists, Annual Reports
Identifiers: State, Proposal

A teacher education accountability reporting system will be developed and adopted, and each teacher education institution will adopt a uniform system for reporting program review data. The state department of education's vocational five-year plan will be reviewed to determine data needed from teacher education institutions for the annual accountability report. A checklist of suggested or essential documentation will be developed, field tested, and reviewed. Procedures and instructions for teacher education self-study and evaluation will be developed.

000509

Impact of Kentucky's Staff Exchange Program.

Organization: University of Kentucky, Lexington, KY
Telephone: (606) 257-3897
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: V28810033F (VK)
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$12,167
Descriptors: *Teacher Exchange Programs, *Program Evaluation, *School Business Relationship
Identifiers: State, Proposal

The impact of the staff exchange experience in bringing about changes in vocational instructional methods and content and in facilitating industry and business involvement in vocational education will be assessed. Guidelines for operating the program more effectively and suggestions and recommendations for program improvement will be identified.

000271

Research to Identify and Develop Diagnostic and Evaluation Materials and Procedures to Assess Vocational Aptitudes of Handicapped Students.

Project Director: Uthe, Elaine
Organization: University of Kentucky, Lexington, KY
Telephone: (606) 258-8650
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: V288HR0136F
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$18,683
Descriptors: *Disabilities, *Student Evaluation, *Educational

Diagnosis, *Individualized Instruction, *Inservice Education, *Exceptional Persons, Evaluation Methods, Teaching Methods, Secondary Education

Identifiers: State, Proposal

Teachers and administrators will be assisted in assessing the vocational aptitude of handicapped students to improve the development of the individual education plan (IEP). An advisory committee involving vocational educators, vocational counselors and special education personnel will identify the competencies and knowledge needed by teachers and administrators, and will develop diagnostic and evaluation materials. In addition, the council will work with consultants to conceptualize a model for assessments and suggest strategies for developing IEPs. In-service training for teachers and administrators in the use of the model and materials will be provided. A handbook describing the model, and a final report will be delivered.

000345

Research: Program Review Response Capability.

Project Director: Tipton, Bettie R.
Organization: Kentucky State Department of Education, Bureau of Vocational Education, Frankfort, KY
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: XO4810013F
Funding Period: Start Date 01 Jun 79; End Date 31 Dec 79
Fiscal Year Funding: \$2,500
Descriptors: *Needs Assessment, *Program Planning, *Evaluation Criteria, *Program Development, Research Utilization
Identifiers: State, Proposal

Needed statewide program improvements will be identified based on an analysis of program review data. The criteria used to prioritize program improvements will be identified by a group recommended by the task force for evaluation and approved by the state director of vocational education. The criteria will be distributed to division directors, unit directors, and a random sample of teacher educators for their recommendations. The director of planning, the director of program development, unit directors for each program area, the director of equity, and the director of program supporting services will plan the strategies to implement the most critical program improvement needs.

000516

Dissemination and Diffusion Program in Kentucky Vocational Education (Continuation).

Project Director: Kennedy, Elsie
Organization: Kentucky State Department of Education, Bureau of Vocational Education, Research Coordinating Unit, Capital Plaza Tower, Frankfort, KY 40601
Telephone: (502) 564-3096
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract/Control No.: X99880033F
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$25,000
Descriptors: *Information Dissemination, *Educational Innovation, *Public Relations, *Workshops, Information Systems, Periodicals, Information Services, Slides, Audiovisual Instruction, Programing Broadcast, Radio
Identifiers: State, Proposal
Descriptive Note: This project also received \$37,000 under Sec. 132 for FY 1980

Project staff will assist in dissemination efforts, continue a document notification and availability system, continue a vocational information diffusion journal, continue the production of twelve television and nine radio programs, and develop and conduct workshops on topics related to funded research and development activities. In addition, staff will aid in administering a pilot program to fund innovative, selected research and exemplary programs and a demonstration sites program to identify innovative programs and share the results. A slide series on developing dissemination plans and a slide/tape presentation on dissemination and public relations will be produced.

Exemplary and Innovative (Sec. 132)

000309

Coordination of Career Exploration Experiences in Hopkins County (Continuation).**Project Director:** Zellich, Linda**Organization:** Hopkins County Board of Education, 537 West Arch Street, Madisonville, KY 42431**Telephone:** (502) 821-7070**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** B34880013F**Funding Period:** Start Date 15 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$22,298**Descriptors:** *Career Exploration, *Nontraditional Occupations, *Sex Fairness, *School Community Relationship, *Practical Arts, *Service Occupations. Grade 7, Grade 8, Resource Guides, Community Resources, Audiovisual Centers, Elementary Education, Junior High Schools**Identifiers:** State, Proposal

Project staff will continue a coordinated plan for exchanging resources and information among the school system, vocational programs, and the community; incorporate sex equity features into the overall plan and program activities including experiences in nontraditional occupations; further develop existing practical arts/career exploration programs and develop a comprehensive career exploration plan for seventh and eighth grades; and continue to increase and promote the use of community and vocational school resources for career exploratory experiences and activities. The slide/tape presentation on the Madisonville state vocational-technical school and the health occupations annex will be updated and revised. Products will include a career library of audiovisual materials, activity and curriculum guides with particular emphasis on the personal services occupational cluster, color videotapes, and a practical arts brochure.

000095

Competency-Based Vocational Education (CBVE) Demonstration Centers.**Project Director:** Steimel, Laura**Organization:** Kentucky Bureau of Vocational Education, Frankfort, KY 40601**Telephone:** 564-2326**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** X99880043F**Funding Period:** Start Date 01 Sep 79; End Date 30 Dec 80**Fiscal Year Funding:** \$18,200**Descriptors:** *Competency Based Education, *Inservice Teacher Education, *Demonstration Centers**Identifiers:** State, Proposal

This project will help to determine the problems or issues encountered in converting traditional school programs to a competency-based format by converting two schools to a fully competency-based program. In-service and support help will be provided to instructors and school administrators; procedures for a visitor orientation program will be developed; and cooperative efforts among the Bureau of Vocational Education, regional personnel, and teacher-educators will be fostered. Evaluation will consist of student, teacher, and administrator reactions, as well as visitors' comments. The final report will include guidelines for selection, a model for in-service programs, and evaluations including a financial study.

000096

Water Supply Operator Training Project.**Project Director:** Noe, Sarah**Organization:** Christian County Area Vocational Education Centers, Hopkinsville, KY 42240**Telephone:** (502) 886-3734**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** B12880013F**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$21,834**Descriptors:** *Competency Based Education, *Continuing Education, *Waste Disposal, *Utilities, *Learning Modules**Identifiers:** State, Proposal

The development and field testing of thirty-four competency-based modules for upgrading or continuing education training of water

treatment plant and distribution system operators will be completed. The occupational inventory and domain report information will be compared with a similar Vocational-Technical Education Consortium of States catalog. The advisory committee will develop a plan for using the modules and will serve as consultants. The programs, services, and activities will be reviewed for sex fairness/sex equity. A final report will be written.

000238

Industrial Education Program Improvement Project (Continuation).**Project Director:** Baugh, Ron**Organization:** Kentucky State Department of Education, Bureau of Vocational Education, Industrial Education Unit, 21st Floor, Room 2106, Capital Plaza Tower, Frankfort, KY 40601**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** X9980023F**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$55,500**Descriptors:** *Standards, *Industrial Education, *Diesel Engines, *Auto Mechanics, *Appliance Repairing, Air Conditioning, Audiovisual Aids, Secondary Education, Postsecondary Education, Electronics**Identifiers:** State, Proposal

Minimum uniform quality standards in heavy diesel, auto/diesel, and appliance repair will be developed to improve the industrial education program. Instructional modules for the heavy diesel program will be developed; a diesel unit to be included in auto mechanics curriculum will be developed and field tested; instructional modules in air conditioning will be coordinated and developed for the appliance repair programs; and a status report of the electronic occupations and program including recommendations for programs support and improvement will be prepared. A project coordinator will coordinate writing workshops and evaluation procedures. Other projects will include auto/diesel audiovisual packages and a teacher's guide.

000097

How to... Strategies for Sex Equity.**Project Director:** Stiegler, C. B.**Organization:** Northern Kentucky University, Highland Heights, KY 41076**Telephone:** (606) 292-5165**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** G56880013F**Funding Period:** Start Date 15 Aug 79; End Date 15 May 80**Fiscal Year Funding:** \$31,252**Descriptors:** *Pamphlets, *Sex Stereotypes, *Sex Discrimination, *Nontraditional Occupation, *Teaching Methods, *Student Recruitment**Identifiers:** State, Proposal

A booklet of guidelines will be developed to help administrators, teachers, counselors, advisory committee members and students become aware of sex bias/stereotyping in particular vocations. The booklet will include solutions to barriers which discourage either sex from enrolling in particular vocational programs, recruitment activities for those programs identified as having bias/stereotyping in instructional techniques used in vocational programs. A multimedia packet for statewide use and a follow-up form for evaluating the packet will be developed. A list of successful people, who could serve as resources for educators and role models for students, in nontraditional careers in Kentucky will be compiled.

000310

How to... Strategies for Sex Equity.**Project Director:** Hay, Donald L.**Organization:** Morehead State University, Morehead, KY**Telephone:** 783-2158**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Contract/Control No.:** I62880013F**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$15,200**Descriptors:** *Sex Fairness, *Nontraditional Occupations, *Nontraditional Education, *Student Recruitment, Sex Bias,

Audiovisual Communications**Identifiers:** State, Proposal

Project staff will help to overcome sex bias by training students in nontraditional occupations and businesses; helping local industries meet affirmative action goals by providing students trained in such occupations; developing and implementing a pilot program for attracting students into nontraditional programs in agriculture, home economics, industrial education, business and office education, and allied health education; and making the recruitment of students into nontraditional programs an ongoing activity. This project will be replicated in at least two state vocational schools. An advisory committee on sex equity with representatives from state vocational regions 9, 10, 11 will be formed. Brochures, posters, slides, and videotapes will be produced to be used in recruitment programs.

000003**Needs Assessment of Competency-Based Vocational Education (CBVE) Applications and Articulation with Industrial Education Levels 2 and 3.****Project Director:** Putnam, A. R.**Organization:** Morehead State University, Morehead, KY 40351**Telephone:** 783-5103**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000**Descriptors:** *Needs Assessment, *Competency Based Education, *Industrial Education, *Articulation Education**Identifiers:** State, Proposal

A needs assessment plan for region 9 will be developed to determine competencies for level 2 industrial education programs. Competencies that should be taught at levels 1 and 2 will be articulated with competencies being taught at level 3, based on the state's continuum of industrial education at the exploration, orientation, and preparation levels. An evaluation model also will be developed, and recommendations will be made for its use statewide.

000307**Word Processing Center.****Project Director:** Harcourt, Jules**Organization:** Murray State University, Murray, KY**Telephone:** (502) 762-4185**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$15,900**Descriptors:** *Demonstration Centers, *Office Occupations Education, *Inservice Teacher Education, *Preservice Teacher Education, Laboratories**Identifiers:** *Word Processing, State, Proposal

A word processing center which will serve as a demonstration site; a statewide facility for teacher education workshops, seminars, and conferences; a demonstration office education program combining training and work; a preservice teacher education program; and a demonstration project to enhance Kentucky's educational program content and image will be established. Educational programs of varying lengths will be offered year-round and will range from a six-credit course to thirty-minute conducted tours and demonstrations. Feedback instruments will be developed and administered to all participants.

000308**Model for Evaluating Specialized Programs in Marketing and Distributive Education.****Project Director:** Litchfield, Carolyn**Organization:** Kentucky University, Lexington, KY**Telephone:** (502) 257-2998**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$6,500**Descriptors:** *Educational Evaluation, *Evaluation Methods, *Marketing, *Distributive Education, Conventional Instruction**Identifiers:** State, Proposal

A model for evaluating traditional specialized marketing and

distributive education programs will be developed. Research instruments which can be used for evaluation will be identified, and new instruments will be designed and field tested in a specialized program. A final report including normative data will be delivered.

000311**Instructional Unit on Farm Records and Analysis Systems.****Project Director:** Dickens, John W.**Organization:** University of Kentucky, Department of Agricultural Education, Lexington, KY**Sponsoring Agency:** Kentucky State Dept. of Education, Frankfort**Funding Period:** Start Date 01 Jul Y7**Fiscal Year Funding:** \$12,653**Descriptors:** *Agricultural Education, *Vocational Education Teachers, *Farm Accounts, *Inservice Teacher Education, *Adult Farmer Education, *Instructional Materials, Secondary School Teachers, Adult Educators, Recordkeeping**Identifiers:** State, Proposal

An instructional unit using the Kentucky farm record book and an inventory booklet will be developed for adult and high school vocational agriculture teachers. Four two-day regional workshops on use of the unit will be conducted. After the unit is field tested and evaluated, 450 copies will be printed for dissemination.

LOUISIANA

Research (Sec. 131)

001600

Effective Use of Adult Programs, Occupational Experience Programs, and Advisory Committees in High School Vocational Agriculture and Agribusiness Programs.

Project Director: Kotrlík, Joe W.

Organization: Louisiana State University, Baton Rouge, LA

Telephone: (504) 388-5748

Sponsoring Agency: LJM43725

Funding Period: Start Date 27 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$7,247

Descriptors: *Adult Education, *Work Experience Programs, *Advisory Committees, *Agricultural Education, *Teacher Attitudes, *Educational Assessment

Identifiers: State, Proposal

Factors in high schools that hinder the effective use of supervised occupational experience programs, adult education programs, and advisory councils in vocational agriculture/agribusiness programs will be determined. Objectives will be determined. Objectives will be to determine the extent of use of supervised occupational experience programs, problems in their use as a teaching device, and suggestions for alleviating problems; the number and types of adult vocational programs, administrative problems, and suggestions for alleviating them; and the number of vocational agriculture/agribusiness programs with advisory committees, the characteristics and functions of these committees, and the attitudes toward advisory committees of teachers surveyed. An opinionnaire will be mailed to a random sample of vocational agriculture/agribusiness teachers. Data will be analyzed and implications for changes in both teacher education programs and teacher in-service programs will be drawn. After completion of the project, the department of vocational agricultural education at Louisiana State University will work with the vocational agriculture/agribusiness section of the state department of education to seek solutions to problems indicated by the study.

001601

Evaluation of an Innovative Procedural Model for Curriculum Development Utilizing Home Economics Content—Phase 2.

Project Director: Gilley, Jeanne Mack

Organization: Louisiana Technical University, College of Home Economics, Ruston, LA

Telephone: (318) 257-2713

Sponsoring Agency: LJM43725

Funding Period: Start Date 27 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$31,901

Descriptors: *Child Development, *Occupational Home Economics, *Instructional Development, *Instructional Innovation

Identifiers: State, Proposal

The feasibility of using an innovative procedural model for curriculum development and revision in the child development content of the vocational home economics program will be tested. The instructional plan, including learning experiences and materials, will be designed and evaluated for concepts, objectives, and generalizations identified in phase 1 of the curriculum revision project. Home economics teachers and subject matter specialists will evaluate the plan.

Exemplary and Innovative (Sec. 132)

001665

Elevation of Career Aspirations of Rural Disadvantaged Students.

Project Director: Dobbins, Loy H.

Organization: Southern University, Department of Counselor Education, Baton Rouge, LA 70813

Telephone: (504) 771-2890

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 17 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$16,181

Descriptors: *Career Education, *Disadvantaged Youth, *Rural Youth, *School Counselors, Secondary Education, Inservice Teacher Education

Identifiers: State, Proposal

This project is designed to raise the career aspirations of rural disadvantaged students. Vocational counselors and teachers will participate in a one-day workshop on what employers look for in new employees and the training students need for job entry. Selected tenth grade students will visit local businesses on a one-day field trip. The program will be evaluated to determine if students are better able to make realistic career choices.

001666

Counselor Training Program to Reduce Sex Stereotyping and Sex Bias in Vocational Education in the Schools of Northern Louisiana.

Project Director: Williams, J. M.

Organization: Louisiana Technical University, Ruston, LA

Telephone: (318) 257-4315

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 17 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$11,748

Descriptors: *Sex Stereotypes, *Sex Fairness, *Career Counseling, *School Counselors, *Inservice Education, *Counselor Attitudes, Sex Bias, Secondary Education

Identifiers: State, Proposal

Counselors will be trained to deliver nonsexist vocational counseling by obtaining more specific information about sex fairness in students' perceptions of needs for vocational counseling, increasing counselor awareness of sex bias and stereotypes, increasing school counselor awareness of sexist aspects of vocational counseling and ability to identify nonsexist alternatives, and providing school counselors with new skills for implementing nonsexist counseling. Further data analysis of needs by grade, sex, and race will be carried out. A minimum of four three-day workshops on the ten topic areas will be held for 140-180 counselors in northern Louisiana. All participants will be tested on workshop content to determine instructional effectiveness and will evaluate program objectives, activities, content, and materials.

001602

Industrial Arts Education Program in the Tensas Parish School System.

Project Director: Gamble, Irby

Organization: Tensas Parish School Board, PO Box 318, St Joseph, LA 71366

Telephone: (318) 766-3269

Sponsoring Agency: LJM43725

Funding Period: Start Date 27 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$12,000

Descriptors: *Disadvantaged Youth, *Career Education, *Student Recruitment, *Student Attitudes, Secondary Education, School Holding Power

Identifiers: State, Proposal

About 150 disadvantaged students in grades 9-12 will participate in a career awareness program to become aware of the techniques, equipment, materials, and working relationships in general shop, small gasoline engines, metal working, welding, and basic woodworking. Objectives will be to help students develop a positive attitude toward school so 90 percent will attend school at least 170 days per term, to provide training so 80 percent of the students will demonstrate their ability to perform tasks listed in the program description for each task, and to help students develop an interest in vocational education to the extent that within a year after graduation 50 percent will enroll in advanced work in a vocational school. An interschool committee and outside consultants will evaluate the program on two bases: the development of salable skills by the disadvantaged students and acceptance and support by the community, teachers, and students.

001667

Careers Exploration for Women.

Organization: Northwestern State University, Natchitoches, LA 71457

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 27 May 80; End Date 15 Jun 81

Fiscal Year Funding: \$18,053

Descriptors: *Career Education, *Sex Bias, *Sex Stereotypes, *Student Recruitment, *Nontraditional Occupations, Secondary Education

Identifiers: State, Proposal

The Career Exploration Institute will attempt to eliminate sex bias and role stereotyping in public relations and recruitment activities by encouraging public school personnel who make arrangements for departmental recruitment presentations to include girls in the audience and by ensuring that presentations to high school groups by departmental faculty members include specific mention of nontraditional career choices for women. Selection of participants for the Career Exploration Institute will be based solely on objective criteria.

Curriculum Development (Sec. 133)

001668

Curriculum Revision in Business and Office Occupations Education Programs for Competency-based Education.

Project Director: Ferguson, Andrew H.

Organization: Northwestern State University, Natchitoches, LA

Telephone: (318) 357-5611

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 11 Jun 80; End Date 30 Nov 81

Fiscal Year Funding: \$25,000

Descriptors: *Curriculum Guides, *Typewriting, *Shorthand, *Clerical Occupations, *Office Occupations Education, Secondary Education, Business Skills

Identifiers: State, Proposal

State curriculum guides for Typewriting 1 and 2, Shorthand 1 and 2, and Clerical Practice in Vocational Business and Office Education will be revised. High school business and office education teachers will participate in a workshop to write the guides, then field test them; the guides will be evaluated and printed.

001669

Updating Teaching Materials for Education in Vocational Agriculture.

Project Director: Smith, Charles W.

Organization: Louisiana State University, Baton Rouge, LA

Telephone: (504) 388-5748

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 11 Jun 80; End Date 30 Nov 81

Fiscal Year Funding: \$15,000

Descriptors: *Instructional Materials, *Agricultural Education, *Lesson Plans, Behavioral Objectives

Identifiers: State, Proposal

Teaching materials for Agriculture 1 will be updated, and core lessons plans for each of the identified lesson topics will be developed. Individual lesson plans will include performance objectives, suggested references, teaching methods, materials needed, physical arrangements, motivational activities, a basic content outline, and suggested student activities. A panel of vocational agriculture teachers will review the plans and make recommendations; revisions will be made before publication and dissemination.

001670

Revision of the 1971 Louisiana Industrial Arts Curriculum Guide Number 1197 with an Emphasis on Developing Uniform Statewide Program Guidelines for Use as a Basis for Program Evaluation.

Project Director: Trott, James W. Jr

Organization: Louisiana State University, Baton Rouge, LA

Telephone: (504) 388-2095

Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Funding Period: Start Date 11 Jun 80; End Date 30 Nov 81

Fiscal Year Funding: \$15,410

Descriptors: *Industrial Arts, *Statewide Planning, *Program Development, *Teachers Education Programs, Secondary Education

Identifiers: State, Proposal

The form and content of industrial arts in grades 7-12 will be identified and used to develop a state plan. The plan will provide the basis for developing and modifying existing public school programs, teacher education programs, and new industrial arts programs. Teachers, teacher educators, and administrators will participate in the project under the joint direction of Northwestern State University, the University of Southwestern Louisiana, and Louisiana State University.

MAINE

Exemplary and Innovative (Sec. 132)

000098

**Implementation Grant for Experience-Based Career Education
(Continuation).**

Organization: Ma-anocook Community School District 10, Readfield, ME 04355

Telephone: (207) 685-3336

Sponsoring Agency: Maine State Dept. of Educational And Cultural Services, Augusta

Contract/Control No.: 80-96-110-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$28,000

Descriptors: *Career Education, *Resource Guides, *Rural Schools, *Experiential Learning, Secondary Education, Student Transportation, Program Effectiveness

Identifiers: *Experience Based Career Education Program, State, Proposal

The Far West Laboratory's model experience-based career education (EBCE) program will be implemented to demonstrate its effectiveness as an alternative program of comprehensive secondary education. The project will assist students in understanding work and career options available, which vocational programs to enroll in, and the locations of work after they complete vocational training. Students will also participate in on-the-job experiences. It is anticipated that the project will deliver within two years a learning site, a resource guide, and a design for implementing EBCE in rural schools; a trainer's guide for preparing other educators in the EBCE process; and a pamphlet of tips on how to economically transport students to learning sites.

002556

Vocational Transition to the Postpetroleum Era.

Project Director: Lishness, Alan

Organization: Maine Audubon Society, 118 US Route 1, Falmouth, ME 04105

Sponsoring Agency: Maine State Dept. of Educational And Cultural Services, Augusta

Contract/Control No.: 912943

Funding Period: Start Date 24 Mar 80; End Date 30 Jun 81

Fiscal Year Funding: \$15,368

Descriptors: *Energy, *Natural Resources, *Instructional Materials, *Employment Opportunities, *Teaching Methods, Curriculum Development, Secondary Education

Identifiers: State, Proposal

Project staff will identify vocational disciplines where renewable resource-based job opportunities exist in Maine; assess the nature and scope of such opportunities; determine educational requirements necessary to train students for these opportunities; and develop, disseminate, and evaluate curriculum materials and teaching strategies. Resource teams composed of vocational educators, energy specialists, curriculum developers, and employers in the five trade areas selected will examine the impact on the trades of alternate energy, degree and nature of impact, kinds of skills needed as a result, strategies for isolating skills needed, and ways to field test curriculum materials.

MARYLAND

Research (Sec. 131)

000511

Quality Indicators in Vocational Education.

Project Director: Pinson, Nancy

Organization: Maryland State Department of Education, Division of Vocational-Technical Education, 200 West Baltimore Street, Baltimore, MD 21201

Telephone: (301) 659-2568

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,500

Descriptors: *Educational Quality, *National Surveys, *Educational Planning

Identifiers: State, Proposal

To obtain a national consensus of the indicators of quality in vocational education programs, a national survey will be conducted to identify 300 indicators of quality. These indicators then will be reduced to twelve to become the basic indicators for all states' vocational education programs. Local education agency (LEA) directors will incorporate the twelve indicators in annual plans to improve and ensure quality in the local plan and in all vocational programs. A final report will be disseminated to LEA vocational directors and supervisors; technical assistance will be provided.

000512

Effectiveness of Multiple Delivery Systems of Vocational Education with Certain Target Groups.

Project Director: Pinson, Nancy

Organization: Maryland State Department of Education, Division of Vocational-Technical Education, 200 West Baltimore Street, Baltimore, MD 21201

Telephone: (301) 659-2568

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,000

Descriptors: *Educational Quality, *Correlation, *Graduate Surveys, *Delivery Systems, *Program Effectiveness, Vocational Followup

Identifiers: State, Proposal

Twelve identified basic indicators of quality in vocational education programs will be used to determine their correlation with program completion, program source, placement, and followup of a large sample of vocational education students. Multiway analysis of variance, factor analysis, and correlation techniques will be used to analyze the data. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

000513

Program Designed to Test a Prevocational Model for Grades 7 and 8.

Project Director: Sargent, K. R.

Organization: Maryland State Department of Education, Division of Vocational Technical Education, 200 West Baltimore Street, Baltimore, MD 21201

Telephone: (301) 659-2096

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,355

Descriptors: *Prevocational Education, *Career Guidance, *Career Exploration, *Program Evaluation, Private Schools, Nonprofit

Organizations, Junior High Schools, Grade 7, Grade 8, Secondary Education

Identifiers: State, Proposal

A model prevocational program suitable for use in other local education agencies will be developed, monitored, and tested. The model will include a guidance component, a set of exploration experiences, and involvement of students from public and private non-profit schools.

Curriculum Development (Sec. 133)

000514

Development of a Competency-Based Curriculum in Custodial Services.

Project Director: Harrington, Fred W.

Organization: Tau Associates, Inc, P O Box 227, Fairmont, WV 26554

Telephone: (304) 348-7880

Sponsoring Agency: LRY45900

Funding Period: Start Date 01 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,650

Descriptors: *Competency Based Education, *Custodian Training, *Instructional Materials, *Behavioral Objectives, Teaching Guides, Check Lists, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Camera-ready copy for a competency-based curriculum in custodial services will be produced and delivered using the custodial Vocational-Technical Education Consortium of States catalog and other appropriate materials. A list of competencies will be compiled, reviewed, and grouped into units of instruction. Student competency sheets and a teacher's guide will be developed and approved. The curriculum will be written at the fourth grade reading level. Products will include alternative instructional strategies, cognitive evaluations with answer keys, and a final report.

000515

Competency-Based Instruction in Automotive Power Trains for Automotive Technology Students at Montgomery College (Continuation).

Project Director: Cantor, Jeffrey A.

Organization: Montgomery College, 51 Mannakee Street, Rockville, MD 20850

Telephone: (301) 279-5143

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 15 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,953

Descriptors: *Competency Based Education, *Instructional Materials, *Auto Mechanics, *Audiovisual Instruction, *Learning Modules, *Programed Instruction, Postsecondary Education, Secondary Education

Identifiers: State, Proposal

A competency-based program in automotive power trains will be developed. Audiovisual software will be developed and assessed to be used together with programmed instructional packages in automotive transmissions and drive lines. The program will then be integrated into the existing course, evaluated, and modified. Skill development modules will be designed and conducted to supplement the package. The instructional package will include competency sheets, course objectives, and employability profiles.

000516

Marketing Competencies for Business Articulation.

Project Director: Van Doren, Doris C.
Organization: Howard Community College, Little Patuxent Parkway, Columbia, MD 21044
Telephone: (301) 922-4827
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 25 Jun 80; End Date 21 Jul 80
Fiscal Year Funding: \$2,970
Descriptors: *Marketing, *Articulation Education, *Competency Based Education, *Behavioral Objectives, Business Education, Secondary Education, Community Colleges, Postsecondary Education
Identifiers: State, Proposal

A competency profile in marketing for the business management and business administration programs will be developed; a course on principles of marketing will be designed; student competency sheets for marketing will be written; and articulation with Howard County high schools and area vocational and technical schools will be improved. Activities that use the competency-based education approach in job development and job placement will be coordinated with the secondary business faculty and with the college counseling center which uses the student competency sheets. A final report will be delivered.

000517

Maryland Vocational Curriculum Research and Development Center (Continuation).

Project Director: Maley, D.; Mangano, R. Michael
Organization: University of Maryland, J. M. Patterson Building, College Park, MD 20742
Telephone: (301) 454-2260
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$110,000
Descriptors: *Curriculum Study Centers, *Research and Development Centers, *Competency Based Education, *Information Networks, Library Catalogs, Resource Guides, Carpenters, Cosmetology, Distributive Education, Allied Health Occupations
Identifiers: State, Proposal

Functioning within the Maryland Vocational Curriculum Management System, a center for curriculum research, development, evaluation, and diffusion will be provided. National, regional, and state linkages and an information exchange network will be maintained. Products will include two competency-based instructional guides in carpentry and cosmetology, one camera-ready copy each of two teacher resource guides in health occupations and distributive education, editing of four issues of "Resources Review," an annual catalog of vocational curriculum materials in the free-loan library, and a booklet of final report abstracts of fiscal year 1979 program improvement activities. A final report will be delivered.

000518

Vocational-Technical Education Consortium of States (V-TECS) Analysis Project.

Project Director: Shurter, William J.
Organization: University of Maryland, College Park, MD
Telephone: 454-4264
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$60,000
Descriptors: *Behavioral Objectives, *Competency Based Education, *Architectural Drafting, *Curriculum Guides, Criterion Referenced Tests, Secretaries, Check Lists, Task Analysis, Secondary Education, Postsecondary Education
Identifiers: State, Proposal, Vocational Technical Education Consortium States, *Word Processing

Four V-TECS catalogs for executive secretary, correspondence word processing specialist, word processing administrative support secretary, and architectural drafter will be completed. Three V-TECS catalogs will be started. Procedures will include developing a state-of-the-art study, occupational inventory, domain report, field review catalog, and final catalog. A final report will be prepared.

000519

Developing Model Competency-Based Vocational Education Course in Postsecondary Institutions.

Project Director: Eburg, Barbara A.; Levin, Elka S.
Organization: Community College of Baltimore, 2901 Liberty Heights Avenue, Baltimore, MD 21215
Telephone: (301) 396-0306
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 15 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$3,000
Descriptors: *Competency Based Education, *Dental Assistants, *Articulation Education, *Teaching Guides, *Learning Modules, *Behavioral Objectives, Secondary Education, Community Colleges, Postsecondary Education
Identifiers: State, Proposal

A competency-based course for dental assisting in the specialties will be developed and divided into modules. Learning packages with performance objectives will be developed; a challenge examination will be constructed; and a teacher's guide including instructions, keys, bibliography, and a competency profile will be written. The course will provide a pattern for articulation between secondary institutions, dental health occupations programs, and the dental assisting program of the Community College of Baltimore. A final report will be written.

000293

Development of a Competency-Based Curriculum in Printing.

Project Director: Suggs, John P.
Organization: Copping State College, 2500 West North Avenue, Baltimore, MD 21216
Telephone: (301) 383-4551
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80
Fiscal Year Funding: \$9,516
Descriptors: *Competency Based Education, *Printing, *Photography, *Teaching Guides, *Curriculum Guides, Postsecondary Education
Identifiers: State, Proposal

Using the division of vocational-technical education curriculum guide format, a competency-based curriculum in printing will be developed and divided into areas including photography, composition, and presswork. A printing specialist and a curriculum specialist will work together to develop competency lists and sheets, exercises and tests for instructional units and a teacher's guide. A final report will be delivered.

000292

Developing a Model Competency-Based Vocational Education Course in Postsecondary Institutions.

Project Director: Jacobs, Anne R.; Krum, Mary E.
Organization: Wor-Wic Technical Community College, 300 Byrn Street, Box 439, Cambridge, MD 21613
Telephone: (301) 228-5511
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80
Fiscal Year Funding: \$3,000
Descriptors: *Competency Based Education, *Nursing, *Learning Modules, *Behavioral Objectives, *Teaching Guides, Articulation Education, Community Colleges, Secondary Education, Allied Health Occupations Education, Postsecondary Education
Identifiers: State, Proposal

A competency-based, beginning nursing course will be developed and divided into modules. Learning packages with performance objectives, challenge examinations, and a teacher's guide with instruction, keys, bibliography, and a competency profile will be developed. The course should provide a pattern of articulation between secondary institutions, health occupations programs, and the nursing program at Wor-Wic Technical Community College. A final report will be written.

000277

Development of a Competency-Based Curriculum in Clothing.

Project Director: Cooney, Stephanie Heatwole
Organization: St. Mary's County Public School, P.O. Box 343,

Leonardtown, MD 20650

Telephone: (301) 475-5511

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$12,000

Descriptors: *Competency Based Education, *Clothing, *Learning Modules, *Teaching Guides, *Home Economics, Consortia, Secondary Education, Consumer Education

Identifiers: State, Proposal

A competency-based curriculum in clothing will be developed as Maryland's part of a four-state consortium project. A competency profile, learning activity packages, and teacher's guide will be developed, and distributed to consumer and homemaking teachers in the consortium. A final report will be delivered.

000278

Development of a Competency-Based Curriculum in Middle and Junior High School Consumer and Homemaking Classes.

Project Director: Cooney, Stephanie Heatwole

Organization: St. Mary's County Public Schools, P.O. Box 343, Leonardtown, MD 20650

Telephone: (301) 475-5511

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$10,000

Descriptors: *Competency Based Education, *Teaching Guides, *Consumer Education, *Home Economics, Middle Schools, Junior High Schools

Identifiers: State, Proposal

A competency-based curriculum in middle and junior high school consumer and homemaking classes will be developed to include a competency profile, student competency sheets, and a teacher's guide. A final report will be delivered.

000296

Competency-Based Instruction in Automotive Chassis and Associated systems for Automotive Technology Students at Montgomery College.

Project Director: Cantor, Jeffrey A.

Organization: Montgomery College, 51 Mannakee Street, Rockville, MD 20850

Telephone: (301) 279-5143

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 15 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,953

Descriptors: *Competency Based Education, *Auto Mechanics, *Audiovisual Instruction, *Instructional Materials, *Programed Instructional Materials, *Skill Development

Identifiers: State, Proposal

Automotive technology program faculty will develop a model competency-based program in automotive chassis and associated systems. Audiovisual software to be used with programmed instructional packages will be developed, assessed and integrated into the existing course on a trial basis. Skill development models will be designed to supplement the package which will be added to the automotive learning resource area developed under a previous grant.

000290

Maryland Vocational Curriculum Production Project.

Project Director: Reynolds, Edgar

Organization: Allegany County Board of Education, 108 Washington Street, Cumberland, MD 21502

Telephone: (301) 729-8950

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$174,857

Descriptors: *Audiovisual Instruction, *Instructional Materials, *Informational Dissemination

Identifiers: State, Proposal

Print and media curriculum products, including 16mm films and slides/tapes which have been approved for production by the Division of Vocational-Technical Education will be produced to be sold out-of-state and disseminated to local education agencies and teacher educators in Maryland. A final report will be written.

MASSACHUSETTS

Research (Sec. 131)

002557

Diagnostic Vocational Assessments for Special Needs Students.

Project Director: Stodden, Robert A.

Organization: Blackstone Valley Regional Vocational-Technical School, Pleasant Street, Upton, MA

Telephone: (617) 529-7771

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract/Control No.: 79-805-605-013-7

Funding Period: Start Date 01 Dec 79; End Date 30 Sep 80

Fiscal Year Funding: \$29,407

Descriptors: *Disabilities, *Student Evaluation, *Educational Diagnosis, *Evaluation Methods, *Compliance Legal, Secondary Education

Identifiers: State, Proposal

As part of a statewide effort to develop a reliable process and procedure that enhances the ability of local school districts to comply with federal regulations, existing assessment systems will be researched, and a model for a diagnostic vocational assessment system will be developed and pilot tested. Project staff will gather information on the relationship between handicapped populations and occupational needs, assessment instruments, descriptions of successful centers, forms and profiles of communication devices, and training pathways. Local education personnel will be trained in application procedures. A final report will be delivered.

002558

Prevocational Training Assessment within Prototype 502.9 for Special Needs Children.

Project Director: McDermott, John

Organization: Shawsheen Valley Regional Vocational School, 100 Cook Street, Billerica, MA 01866

Telephone: (617) 667-2111

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract/Control No.: 79-871-605-014-7

Funding Period: Start Date 04 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$57,000

Descriptors: *Disabilities, *Educational Diagnosis, *Student Evaluation, *Evaluation Methods, *Compliance Legal, Secondary Education

Identifiers: State, Proposal

A team of teachers from the areas of special needs, industrial arts, and vocational education will develop a uniform process and design an instrument for assessing the vocational education potential of handicapped students before program placement. The teachers will develop vocational assessment materials that can be used in the major occupational clusters and identify special needs of handicapped students to enhance their chances for success. Project staff will review the literature and other assessment processes, procedures, and instruments before designing the package which will be field tested and completed in the second year of the project. Other school district personnel will be trained in using the resulting process and procedure as part of a statewide effort to comply with the 1978 revised state regulations related to chapter 766, paragraph 502.9(f), which mandates a diagnostic prototype for all special needs students if the core evaluation team is considering occupational education for the student's individualized education plan.

MICHIGAN

Research (Sec. 131)

000288

Employer Follow-up Survey of 1979 School Completers and Leavers.

Project Director: Wargelin, Laurie
Organization: CRW Associates, Inc, 681 W. Forest, Detroit, MI 48201

Telephone: (313) 831-5155

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 7412

Funding Period: Start Date 21 Apr 80; End Date 30 Sep 80

Fiscal Year Funding: \$43,100

Descriptors: *Employer Attitudes, *Educational Assessment, *Followup Studies, *High School Graduates, *Surveys

Identifiers: State, Proposal

In phase 1 of this project to determine employer's evaluations of Michigan vocational high school graduates, a telephone questionnaire will be designed and pretested. During phase 2, 4,400 employers and supervisors will be surveyed. Information recorded by interviewers will be coded for statistical analysis in phase 3; and in phase 4, a final report including documentation, analysis, evaluation of the consultant's activities, and recommendations for conducting other surveys will be submitted.

000520

Employer Follow-up Survey of 1979 School Completers and Leavers.

Project Director: Wargelin, Laurie
Organization: CRW Associates, Inc, 681 W. Forest, Detroit, MI 48201

Telephone: (313) 831-5155

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 7412

Funding Period: Start Date 21 Apr 80; End Date 30 Sep 80

Fiscal Year Funding: \$43,100

Descriptors: *Employer Attitudes, *Educational Assessment, *Followup Studies, *High School Graduates, Surveys

Identifiers: State, Proposal

In phase 1 of this project to determine employer's evaluations of Michigan vocational high school graduates, a telephone questionnaire will be designed and pretested. During phase 2, 4,400 employers and supervisors will be surveyed. Information recorded by interviewers will be coded for statistical analysis in phase 3; and in phase 4, a final report including documentation, analysis, evaluation of the consultant's activities, and recommendations for conducting other surveys will be submitted.

000280

Program Evaluation and Program Review in Occupational Education.

Project Director: Ladley, Betty
Organization: Washtenaw Community College, 4800 East Huron River Drive, Ann Arbor, MI 48106

Telephone: (313) 973-3332

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 7413

Funding Period: Start Date 21 Mar 80; End Date 30 Sep 80

Fiscal Year Funding: \$50,000

Descriptors: *Educational Assessment, *Community College, *Self Evaluation, *Evaluation Methods, Postsecondary Education, Audiovisual Instruction, Inservice Education

Identifiers: State, Proposal

The Michigan evaluation system project director will visit Califor-

nia sites to become familiar with their evaluation system. An information brochure and a visual presentation will be designed to promote understanding and use of the program review in occupational education (PROE) system. Appropriate community college professionals will be trained to conduct self-study evaluations of occupational programs.

Curriculum Development (Sec. 133)

000283

Vocational Materials Resource Center.

Project Director: Heilman, C.

Organization: Michigan State University, 334 Erickson Hall, East Lansing, MI 48823

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 7338

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$76,000

Descriptors: *Sex Fairness, *Resource Materials, *Resource Centers, *Information Dissemination, *Information Services

Identifiers: State, Proposal

Local school district orders for sex equity materials will be processed based on district funding allocation; general vocational education materials will be identified and distributed to individuals and agencies. A centralized facility for housing sets of materials for onsite review will be organized. Provision will be made for sales of specific items such as special needs, bilingual, and sex equity materials. Appropriate public information materials and promotional strategies will be developed, and local agencies will be assisted in accessing fugitive materials and obtaining technical assistance. Presentations and exhibits will be made at major vocational education conferences, and mailing will be made to vocational education agencies and teachers.

000231

Distributive Education In-Service and Curriculum Development Grant.

Project Director: Daenzer, John

Organization: University of Michigan, School of Education, Corner E. and S. University, Ann Arbor, MI 48109

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 7339

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$20,000

Descriptors: *Competency Based Education, *Marketing, *Inservice Teacher Education, *Learning Modules, *Distributive Education, Secondary School Teachers, Staff Development, Food Stores, Human Relations, Secondary Education, Secondary School Mathematics

Identifiers: State, Proposal

A staff development program for secondary marketing teachers in the use and implementation of competency-based education materials and systems available from the Interstate Distributive Education Curriculum Consortium (IDECC) will be coordinated. Financial support will be provided to IDECC, and new or revised learning activity packages (LAPs) will be developed and field tested for the consortium. A school store training manual for use in preparatory programs will be developed, and a training model for future in-service sessions will be established. Products will include eight revised LAPs on human relations, twenty task inventories for supermarket operations, and twenty LAP field tests on math.

000289

Vocational-Technical Education Consortium of States (V-

TECS) Membership.

Project Director: Johnson, Tommie

Organization: Wayne State University, Institute for Research and Development, Competency-Based Education Program. Detroit, MI 48202

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 9150

Funding Period: Start Date 01 Oct 79; End Date 30 Mar 80

Fiscal Year Funding: \$61,835

Descriptors: *Competency Based Education, *Behavioral Objectives, *Criterion Referenced Tests, Check Lists, Evaluation Criteria, Printing, Security Personnel, Secretaries

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

As a member of the V-TECS, Michigan will develop four catalogs of performance objectives and guides in printing occupations, security guard, hardware sales, and secretarial occupations. Processes and procedures for revising V-TECS catalogs will be field tested.

000281

Curriculum Resource Team.

Project Director: Wamhoff, Carroll

Organization: Michigan State University, ANREI, College of Agriculture, East Lansing, MI 48824

Sponsoring Agency: Michigan State Dept. of Education, Lansing

Contract/Control No.: 33BO-9151

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$43,000

Descriptors: *Curriculum Study Centers, *Competency Based Education, *Management Information Systems, *Curriculum Guides, Secondary Education, Check Lists, Inservice Teacher Education, Secondary Education, Postsecondary Education, Articulation Education, Computer Oriented Programs

Identifiers: State, Proposal

The vocational-technical education service will be assisted in establishing and operating a statewide curriculum management process. Task lists, criteria, achievement and classroom equipment lists for special curricular areas will be developed and validated. The current status of competency-based education implementation in state-approved secondary programs will be determined. A plan for implementing a statewide, computer-based task list, criteria, and achievement indicators and performance objective search and retrieval system will be developed. Assistance will be provided to state-supported articulation projects which use the articulation process guide. Appropriate steps will be taken to ensure sex equity in both processes and material content. Workshops, seminars, and other in-service activities will be conducted for teachers, administrators, and counselors. Teachers and administrators will receive one-to-one assistance in implementing curriculum materials, processes, and content into existing programs. Curriculum manuals from articulation projects in specified vocational areas will be distributed as well as manuals in specified USOE code areas developed during the project.

MINNESOTA

Research (Sec. 131)

000099

MRDC Basic Grant, Vocational Education Research.

Project Director: Smith, Brandon B.

Organization: University of Minnesota, Minnesota Research and Development Center, B-12 Fraser Hall, Minneapolis, MN 55455

Telephone: (612) 376-8005

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: (01-R-80)MN/80/94-482/0/1-R-131

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$143,000

Descriptors: *Research Utilization, *Technical Assistance, Special Services

Identifiers: State, Proposal

Technical consultation and transportable products or procedures will be provided to producers and consumers of research-related materials to stimulate and facilitate research and development activities in Minnesota. Group meetings, data collection and analysis, onsite testing, library search, and individual study will be used to procure and disseminate research information to improve vocational education programs and improve service to special needs students in vocational programs.

000100

Study of the Organizational Structures and Management Systems of Four Special Projects: Minnesota Instructional Materials Center, Vocational Student Organizations Center, Statewide Curriculum Articulation Center, and Vocational Agricultural Coordinators.

Project Director: McCormick, Fred C.

Organization: Educational Operations Concepts, Inc, 1400 Brompton, Saint Paul, MN 55108

Telephone: (612) 644-5325

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 47600 and 47601

Funding Period: Start Date 15 Aug 79; End Date 15 Nov 79

Fiscal Year Funding: \$11,895

Descriptors: *Delivery Systems, *Systems Analysis, *Management Systems, *Program Evaluation, *Organizational Effectiveness, Program Planning

Identifiers: State, Proposal

The study results of the four projects and the recommendations will provide the division of vocational-technical education, the state department of education, and the Minnesota legislature with bases for planning. The study will provide documentation and analysis of the services delivery system of each project; analysis of the organizational structures, management systems, and funding patterns; and recommendations and alternatives regarding future need for these services.

000101

State-of-the-Art Study of Industrial Arts Secondary Vocational Technical Occupations.

Project Director: McCormick, Fred

Organization: Educational Operations Concepts, Inc, St. Paul, MN 55108

Telephone: (612) 644-5325

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 02-R-80

Funding Period: Start Date 01 Feb 80; End Date 30 Nov 80

Fiscal Year Funding: \$10,000

Descriptors: *State Of The Art Reviews, *Industrial Arts, *Long Range Planning, Decision Making, Educational Planning

Identifiers: State, Proposal

A state-of-the-art study will be conducted to identify program and staff problems in industrial arts due to funding, declining student enrollment, increasing fiscal constraints, and other issues. Study results will provide industrial arts teachers, local administrators, industrial teacher educators, legislators, and the state department of education with data and information for use in decision making and long-range planning.

000240

Development of a Long-Range Plan for Postsecondary Vocational Education in Minnesota.

Project Director: Mohrenweiser, Gary A.

Organization: Educational Management Services, Inc, Minneapolis, MN 55435

Telephone: (612) 831-1819

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 472274-37020

Funding Period: Start Date 01 Mar 80; End Date 31 Dec 80

Fiscal Year Funding: \$56,114

Descriptors: *Educational Planning, *Long Range Planning, Postsecondary Education, Vocational Education Leaders

Identifiers: State, Proposal

A long-range plan to be used as a guide for the operation and improvement of vocational education in the 1980s will be developed. Nine operational committees dealing with facilities, equipment, instructional programs, instructional support, student services, staffing, funding, decision making, and external impact and consisting of postsecondary vocational education practitioners will be coordinated by an advisory committee. These committees will establish system-wide baseline data, identify the conditions within each of the areas for the system during the 1980s, and recommend alternative planning strategies to attain desired the system. A final report will be delivered.

Curriculum Development (Sec. 133)

000104

Modify and Update the Products of the Tri-Level Advisory Committee Report.

Project Director: Engelland, Raymond A.

Organization: Willmar Area Vocational-Technical Institute, Willmar, MN 56201

Telephone: (612) 235-5114

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 2-CD-80/MN-80-94-482-1-02-CD-133

Funding Period: Start Date 17 Jul 79; End Date 30 Oct 79

Fiscal Year Funding: \$2,450

Descriptors: *Group Dynamics, *Advisory Committees, *Manuals, Costs, Videotape Recordings

Identifiers: State, Proposal

The advisory committee handbook will be modified to reflect requested changes, and the feasibility and cost of video presentation will be determined. Project staff will review literature to develop a section on group dynamics and to improve the section on agendas. One thousand copies will be delivered to the Minnesota Instructional Materials Center.

000105

Energy Curriculum for Farm Business Management—Phase 2.

Project Director: Wacholtz, Marlin

Organization: Granite Falls Area Vocational-Technical Institute, 15th Street and 11th Avenue, Granite Falls, MN 56241

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 4-CD-80/MN-80-94-482-2-04-CD-133
Funding Period: Start Date 20 Aug 79; End Date 28 Feb 80
Fiscal Year Funding: \$2,500
Descriptors: *Farm Management, *Recordkeeping, *Systems Development, *Energy, *Instructional Materials, Energy Conservation, Data Analysis, Evaluation Methods, Curriculum Development

Identifiers: State, Proposal

Instructional units on an energy recordkeeping system for the farm management curriculum will be developed to make farmers more conscious of their use of energy and more energy efficient. After researching existing record systems, an energy recordkeeping system for use with the Minnesota Farm Account Book will be developed. A record analysis system suitable for electronic processing for evaluating these materials will then be developed.

000102

Inservice of Health Occupations Curricula for American Vocational-Technical Institute Staff.

Project Director: Wandrei, Joanne
Organization: Minneapolis American Vocational Technical Institute, 1101 Third Avenue South, Minneapolis, MN 55404
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 5-CD-80/MN-80-94-482-2-05-CD-133
Funding Period: Start Date 01 Oct 79; End Date 30 Dec 79
Fiscal Year Funding: \$1,650
Descriptors: *Inservice Education, *Allied Health Occupations Education, *Curriculum Guides, *Adult Education X, Curriculum Development, Instructional Materials, Area Vocational Schools
Identifiers: State, Proposal

Representatives from all Minnesota area vocational and technical institutes will attend a one-day workshop to receive inservice training on the health occupations curriculum. Curriculum materials will be provided, and methods will be identified to use and adapt curriculum to local educational needs for adult education. A completed book of all new courses will be available.

000276

Curriculum Development in Energy Management.

Project Director: Quisenberry, Frank
Organization: Area Vocational-Technical Institute 916, 3300 Century Avenue North, White Bear Lake, MN 55110
Telephone: (612) 770-2351
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 1-CD-80
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$56,801
Descriptors: *Energy Conservation, *Audiovisual Instruction, *Inservice Teacher Education, *Instructional Materials, *Building Operation, Curriculum Development, Needs Assessment, Criterion Referenced Tests, Secondary Education, Task Analysis
Identifiers: State, Proposal

A complete curriculum with accompanying instructional materials for use in training building operators in efficient energy management will be developed based on needs assessed through the project. An energy management advisory committee will be appointed to oversee the surveying of industry and vocational-technical institutes for determining energy needs, classes taught, and availability of audiovisual materials. Additional information will be gathered through a review of literature. Resulting products will include a topical matrix of areas to be taught, a task listing, course outlines, lesson plans, audiovisuals, and a criterion assessment instrument. Further implementation will be accomplished through in-service education for potential instructors.

000103

Curriculum Development in Respiratory Therapy.

Organization: Anoka-Hennepin Area Vocational-Technical Institute, Box 191, Anoka, MN 55303
Telephone: (612) 427-1880
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 6-CD-80-MN-80-94-482-1-06-CD-133

Funding Period: Start Date 01 Dec 79; End Date 31 Oct 80
Fiscal Year Funding: \$2,500
Descriptors: *Inhalation Therapists, *Allied Health Occupations Education, *Individualized Instruction, *Adult Education, *Learning Modules, Curriculum Development, Metabolism, Blood Circulation
Identifiers: State, Proposal

To upgrade and review skills of respiratory therapy practitioners, individualized curriculum packets will be developed for home care and rehabilitation and arterial blood gases. If time and money permit, a packet on basic pulmonary functions also will be prepared. Materials will be disseminated and new personnel will be trained.

000214

Continuing Education Curriculum for Respiratory Therapists.

Project Director: Buelow, Lucille
Organization: St. Paul Technical-Vocational Institute, 235 Marshall Avenue, St. Paul, MN 55102
Telephone: (612) 221-1300
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 7-CD-80
Funding Period: Start Date 02 Jan 80; End Date 30 Nov 80
Fiscal Year Funding: \$2,500
Descriptors: *Learning Modules, *Inservice Education, *Professional Continuing Education, *Allied Health Occupations Education, Instructional Materials
Identifiers: *Respiratory Therapists, State, Proposal

Two instructional modules will be developed for use in continuing education classes for respiratory therapy personnel. The modules will focus on noninvasive cardiac monitoring and advanced procedures of pulmonary function testing. The materials will be disseminated through in-service presentations to prospective instructors in the Minnesota Society for Respiratory Therapy and through the Minnesota instructional materials center.

000521

Low and High Pressure Steam Engineering Curriculum (Continuation).

Project Director: Leenes, Richard
Organization: Hutchinson Area Vocational-Technical Institute, Hutchinson, MN 55350
Telephone: (612) 878-2317
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 8-CD-80/MN-80-94-482-1-08-CD-133
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$2,500
Descriptors: *Engineering Education, *Energy Conservation, *Inservice Teacher Education, *Instructional Materials, Slides, Vocational Education Teachers, Transparencies, Secondary Education, Postsecondary Education
Identifiers: State, Proposal, *Steam Engineering

All aspects of low and high pressure steam engineering curriculum will be updated, information on all new developments in the field will be added, and slides and transparencies will be updated to reflect current equipment and processes. The latest information on energy conservation also will be included. Six regional in-service workshops of three hours each will be held for instructors on using the new curriculum.

000522

Alcohol Fuel Production and By-Product Utilization.

Organization: Granite Falls Area Vocational-Technical Institute, 15th Street and 11th Avenue, Granite Falls, MN 56241
Telephone: (612) 564-4081
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 9-CD-80-MN-80-94-482-1-09-CD-133
Funding Period: Start Date 02 Feb 80; End Date 30 Jun 80
Fiscal Year Funding: \$2,500
Descriptors: *Fuels, *Adult Education, *Fuel Consumption, Postsecondary Education, Program Design, Farmers
Identifiers: State, Proposal, *Alcohols

Existing materials in alcohol fuel processes will be researched, areas

which need curriculum development will be established, and curriculum units for the areas with the greatest need will be written to make farmers and postsecondary students more aware of the potential of alcohol fuel as an alternative energy resource. An outline of a complete adult training course in alcohol fuel production and use will be prepared.

001671**Energy Curriculum Development.**

Project Director: Fransen, Roger

Organization: Canby Area Vocational-Technical Institute, Canby, MN 56220

Telephone: (507) 223-7252

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 11-CD-80

Funding Period: Start Date 04 Mar 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,450

Descriptors: *Instructional Materials, *Diesel Engines, *Fuels, Agribusiness, Auto Mechanics, Farmers

Identifiers: State, Proposal, *Alcohol Fuels

Instructional units and materials in the use of alcohol fuels in conventional gasoline and diesel engines, in the modification of gasoline and diesel engines to use alcohol fuels, and in the design of alcohol production plants will be developed and disseminated to provide farmers and agribusiness persons the technology and training to efficiently design an alcohol production plant and to use alcohol fuels.

000523**Telephone Station Installation, Maintenance, and Telephone Key Systems.**

Project Director: Baymler, James

Organization: Wadena Area Vocational-Technical Institute, 405 Southwest Colfax, Wadena, MN 56482

Telephone: (218) 631-3342

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 10-CD-80/MN-80-94-482-1-10-CD-133

Funding Period: Start Date 19 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$2,400

Descriptors: *Instructional Materials, *Telephone Communications Systems, *Workshops, *Staff Development, Job Skills

Identifiers: State, Proposal

Curriculum and instructional materials will be developed to be used in a workshop to upgrade telephone industry employee's skills. A training program (thirty-six hours for installation and maintenance and sixty-four hours for key system) will be developed. The curriculum will be available to the entire telecommunications industry and to area vocational and technical institutes equipped and staffed to carry out such training. An equipment and supplies list and visual aids also will be produced.

000524**Curriculum Development in Vocational Machine Shop for Farmers.**

Project Director: Edwards, Donald

Organization: Staples Area Vocational-Technical Institute, Staples, MN 56479

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 12-CD-80/MN-80-9-4-482-1-12-CD-133

Funding Period: Start Date 26 Mar 80; End Date 30 Sep 80

Fiscal Year Funding: \$2,500

Descriptors: *Adult Farmer Education, *Machine Repairer, *Pamphlets, *Machine Repairers, *Shop Curriculum, Information Dissemination, Equipment Maintenance

Identifiers: State, Proposal

An adult curriculum in machine shop for farmers will be developed, printed, and distributed to adult directors and the Minnesota instructional materials center. Thirty farmers will be interviewed to collect information. A thirty-hour class will be taught and evaluated. A pamphlet will be printed to disseminate the curriculum.

000525**Videotapes for Food Service Programs: Vegetable Cutting.**

Project Director: McKeever, Ron

Organization: Dakota County Area Vocational-Technical Institute, P O Drawer K, Rosemount, MN 55068

Telephone: (612) 423-2281

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 15-CD-80/MN-80-94-482-1-15-CD-133

Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80

Fiscal Year Funding: \$1,500

Descriptors: *Instructional Materials, *Food Service Occupations, *Videotape Recordings, *Cooking Instruction, Audiovisual Instruction, Secondary Education, Secondary Education, Cooks

Identifiers: State, Proposal

A series of short videotapes presentations demonstrating proper vegetable cutting techniques useful for food service and chef training will be designed for group and individual instruction, and for working with special needs and limited-English-speaking students. The tapes will be placed in the Minnesota curriculum services center and made available on a cost-recovery basis.

000526**Information Sheets for Parents on Parenting.**

Project Director: Linder, Judi, D.

Organization: Minneapolis Area Vocational-Technical Institute, 1101 Third Avenue South Minneapolis, MN 55404

Telephone: (612) 348-4747

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 13-CD-80/MN-80-94-482-1-13-CD-133

Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80

Fiscal Year Funding: \$2,080

Descriptors: *Child Development, *Parent Education, *Preschool Children

Identifiers: State, Proposal

Twenty-five information sheets containing comprehensive information on specific child development questions often raised by parents and those who care for two- and four-year old children will be produced. Information included in the sheets will be based on professional experience, conferences with professional staff, and current literature; it will be shared with staff of similar projects statewide.

000527**Curricula for Apprentice Farming and Fiberglass Lamination.**

Project Director: Thomsen, Marvin L.

Organization: Pipestone Area Vocational-Technical Institute, Pipestone, MN 56164

Telephone: (507) 825-5471

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 14-CD-80/MN-80-94-482-1-14-CD-133

Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80

Fiscal Year Funding: \$2,400

Descriptors: *Program Development, *Apprenticeships, *Farming Occupations, Instructional Materials, Curriculum Development

Identifiers: State, Proposal, *Fiberglass, *Laminating

Aimed at better preparing students for jobs in the field, the project will focus on developing goals and objectives of two programs, the apprenticeship farming program and the fiberglass lamination program. A committee of former students, employers and other interested people will develop a useful and practical plan for review by a subcommittee, former students, and graduates working in the field.

000528**Conversion of Child Care Curricula to Competency-Based Education.**

Project Director: Linder, Judi D.

Organization: Minneapolis Area Vocational-Technical Institute, 1101 Third Avenue South, Minneapolis, MN 55404

Telephone: (612) 348-4147

Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Contract/Control No.: 16-CD-80/MN-80-94-482-1-16-CD-133

Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80

Fiscal Year Funding: \$2,500

Descriptors: *Competency Based Education, *Learning Modules, *Early Childhood Education, Postsecondary Education, Educational Development, Instructional Materials

Identifiers: State, Proposal

Current child care classes will be changed into a competency-based model to extend classes into a variety of educational formats for postsecondary students. Project staff will review class information from files; contact current instructors; review Child Development Association competencies and state articulation projects in child care, and develop thirty program packages for individual classes.

001603**Residential Energy Management.****Project Director:** Gresser, Lee**Organization:** Suburban Hennepin County Area Vocational-Technical Institute, 1820 North Zenium Lane, Minneapolis, MN 55441**Telephone:** (612) 559-3535**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 17-CD-80/MN-80-94-482-1-17-CD-133**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 80**Fiscal Year Funding:** \$2,500**Descriptors:** *Curriculum Guides, *Cost Effectiveness, *Energy Conservation, *Housing, Energy, Heating, Air Conditioning, Climate Control, Postsecondary Education, Secondary Education**Identifiers:** State, Proposal

A course will be developed to consolidate devices available for residential energy management into one source and show how they interrelate. The course also will include data and methods for predicting performance in terms of economic payback. Part-time adult teachers employed full-time by industry in the design and development of more efficient heating and cooling energy systems and/or heating and cooling energy retrofit systems for single and multiple-unit residential buildings will develop the curriculum.

000529**Small Business Unit for Vocational Programs.****Project Director:** Dunn, Edward**Organization:** Red Wing Area Vocational-Technical Institute, Highway 58 at Pioneer Road, Red Wing, MN 55066**Telephone:** (612) 388-8371**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 20-CD-80/MN-80-94-482-1-20-CD-133**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 90**Fiscal Year Funding:** \$2,500**Descriptors:** *Business Education, *Learning Modules, Instructional Materials, Program Development, Secondary Education, Curriculum Development**Identifiers:** State, Proposal, *Small Businesses

To improve educational training enabling students to reach personal and employment goals, project staff will design and develop a small business unit for vocational programs. In addition, the staff will consult with instructors for input into program content, research the business history and statistics regarding the trade or service involved, and determine the number of hours necessary for the particular program. The unit will supplement current curriculum materials and serve as a support program for students in vocational education to prepare them for business management problems in the field.

000530**Career Education Units for Vocational High School Courses.****Project Director:** Freiborg, David**Organization:** Highland Vocational Cooperative Center, 237 Willow, Tyler, MN 56178**Telephone:** (507) 247-5528**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 21-CD-80/MN-80-94-482-1-21-CD-133**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 80**Fiscal Year Funding:** \$2,500**Descriptors:** *Institutional Cooperation, *Career Education, *Cooperative Planning, *Inservice Teacher Education, Curriculum Development, Elementary Secondary Education, Program Development**Identifiers:** State, Proposal

To introduce career education to junior high and elementary students, project staff will develop a unified career educational program within a five-school cooperative. The program will reduce cost to individual programs by the central purchase of supplies and materials, provide common in-service education for teachers responsible for teaching the unit within Highland Vocational Cooperative Center (HVCC), develop a transportation system to handle the materials to be shared by the five schools, and offer students within the HVCC a career education program that will facilitate future educational and vocational needs. Five teachers in the member schools, through in-service education, will develop goals, objectives and curriculum units to be used in all five home schools. Each student will develop a personalized set of career information records containing a yearly set of educational and career goals, records, test scores, and a plan to meet goals beyond high school.

000531**Media Technology Curriculum Update.****Project Director:** Mills, James**Organization:** Crow River Cooperative Center, 980 Second Avenue, SE, Hutchinson, MN 55350**Telephone:** (612) 879-2338**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 22-CD-80/MN-80-94-482-2-CD-183**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 80**Fiscal Year Funding:** \$2,480**Descriptors:** *Competency Based Education, *Instructional Materials, *Communications, *Mass Media, Postsecondary Education, Individualized Instruction, Secondary Education**Identifiers:** State, Proposal

Materials to accompany an individualized, competency-based program will be developed for students enrolled in a diversified media technology program with components in photography, video production, offset printing, broadcast and advertising techniques. An instructor will research the current media curriculum to determine areas of highest priority. Curriculum for two high priority areas will be developed based on input from an advisory committee, onsite visitation of other ongoing competency-based media programs and observation of commercial media operations.

000532**Health Occupations Program for Displaced Teachers.****Project Director:** Wandrei, Joanne**Organization:** Minneapolis Area Vocational-Technical Institute, 1101 Third Avenue South, Minneapolis, MN 55404**Telephone:** (612) 348-8446**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 23-CD-80/MN-80-94-482-1-23-CD-133**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 80**Fiscal Year Funding:** \$2,500**Descriptors:** *Allied Health Occupations, *Career Change, *Vocational Adjustment, *Retraining, *Teacher Employment, Instructional Materials, Career Guidance, Job Placement, Program Development**Identifiers:** State, Proposal

A program to retrain displaced teachers for a health occupations career will be developed. Project staff will identify unemployed teachers; provide personnel and group support systems, retraining instruction, and job placement services; and evaluate the program and personnel regarding performance and individual satisfaction with career change. An educational model and curriculum format for teachers entering health occupations will be delivered.

000533**Adult Health Occupations Sharing Workshop.****Project Director:** Wandrei, Joanne**Organization:** Minneapolis Area Vocational-Technical Institute, 1101 Third Avenue South, Minneapolis, MN 55404**Telephone:** (612) 348-8446**Sponsoring Agency:** Minnesota State Dept. of Education, St. Paul**Contract/Control No.:** 24-CD-80/MN-80-94-482-1-24-CD-133**Funding Period:** Start Date 10 Jun 80; End Date 31 Dec 80**Fiscal Year Funding:** \$2,420

Descriptors: *Inservice Teacher Education, *Adult Education, *Allied Health Occupations Education, Curriculum Development, Instructional Materials
Identifiers: State, Proposal

To help increase course offerings in health occupations adult education in Minnesota, representatives from each area vocational-technical institute will attend a one-day workshop to discuss and compile curriculum materials on health occupations adult education. Copies of the workshop agenda and a book of compiled curricula will be distributed from the Minnesota instructional materials center.

000534

Pre-employment Skill Development for Area Vocational-Technical Institute (AVTI) Programs.

Project Director: Kirchoff, Marge
Organization: Austin Area Vocational-Technical Institute, 1900 NW Eighth Avenue, Austin, MN 55912
Telephone: (507) 437-6681
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 25-CD-80/MN-80-94-482-1-25-CD-133
Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80
Fiscal Year Funding: \$2,500

Descriptors: *Instructional Materials, *Employment Interviews, *Writing Skills, *Videotaped Recordings, Audiovisual Instruction, Secondary Education, Postsecondary Education
Identifiers: State, Proposal, *Resumes

Project staff will assist AVTI students in gaining relevant employment by helping them develop resume writing and interviewing skills. Two videotaped presentations will be produced. One developed for the student will present current, localized, job procurement information and advice from business and industry; the second will be used as a teacher's resource to show effective methods for assisting students in developing resume writing and interviewing skills. In addition, a curriculum specialist will write support materials.

000535

Law Enforcement Curriculum Upgrading for Compliance with New Legislation.

Project Director: Montzka, Harold
Organization: Hibbing Area Vocational-Technical Institute, 2900 East Beltline, Hibbing, MN 55746
Telephone: (218) 262-3824
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 26-CD-80/MN-80-94-482-1-26-DD-133
Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80
Fiscal Year Funding: \$2,500

Descriptors: *Law Enforcement, *Program Development, *Job Skills, *Lesson Plans, *Behavioral Objectives, Certification, Postsecondary Education
Identifiers: State, Proposal

A detailed course outline with comprehensive lesson plans and skill objectives, as determined by the Peace Officers Standard Board (POST), will be developed for a law enforcement skills program. Two or more individuals will consult with various agencies and develop program units for review by a law enforcement advisory committee prior to submittal to POST. The program will increase course offerings for prospective students and enable students completing the program to become eligible for licensure as peace officers in Minnesota.

000536

Meat Cutting Apprentice Curricula Upgrade.

Project Director: McKeever, Ron
Organization: Dakota County Area Vocational-Technical Institute, P O Drawer K, Rosemount, MN 55068
Telephone: (612) 423-2281
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 27-CD-80/MN-80-94-482-1-27-CD-133
Funding Period: Start Date 10 Jun 80; End Date 31 Dec 80
Fiscal Year Funding: \$2,500

Descriptors: *Textbooks, *Instructional Materials, *Apprenticeships, Meat Packing Industry, Postsecondary Education, Secondary Education
Identifiers: State, Proposal, *Meat Cutters

The text, "Related Training for First Year Apprentice Meat Cutters," will be updated and revised to reflect current industrial conditions by a practicing journeyman meat cutter employed in industry with input from others in the industry. The updated text will include new materials, graphic charts and, chapter tests; it will be sequenced and coordinated with the second year text to provide better training for apprentice meat cutters in Minnesota and improve classes held at the school. Three hundred copies of the revised text will be printed and disseminated statewide.

000537

Sex Equity Curriculum Workshop.

Project Director: Englund, Dewain
Organization: Canby Area Vocational-Technical Institute, Highway 68 West, Canby, MN 56220
Telephone: (507) 223-7252
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 28-CD-80/MN-80-94-482-1-28-CD-133
Funding Period: Start Date 18 Jun 80; End Date 31 Dec 80
Fiscal Year Funding: \$1,390
Descriptors: *Sex Fairness, *Instructional Materials, *Pamphlets, *Staff Development
Identifiers: State, Proposal

A program will be developed to overcome sex bias by raising the consciousness level of staff members and improving their awareness of the needs of women. Sex equity worksheets will be developed and tested with vocational staff. Visual aids, panel discussions, lectures and feedback from lecture materials also will be used. A booklet identifying sexist and nonsexist behaviors will be designed and used as a guide for other schools statewide.

000538

Chemical Dependency Curriculum Development Workshops for Area Vocational-Technical Institutes.

Project Director: Wiklund, Clifford H.
Organization: Duluth Area Vocational-Technical Institute, Lake Avenue and Second Street, Duluth, MN 55802
Telephone: (218) 722-2801
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract/Control No.: 29-CD-80/MN-80-94-482-1-29-D-133
Funding Period: Start Date 24 Jun 80; End Date 30 Sep 80
Fiscal Year Funding: 2459
Descriptors: *Inservice Teacher Education, *Alcoholism, *Drug Addiction, Instructional Materials, Postsecondary Education, Drug Rehabilitation, Secondary Education, Area Vocational Schools
Identifiers: state, Proposal

Services will be provided to help vocational students deal with chemical dependency problems, attain their training objectives, and secure employment. Project consultants will hold three regional meetings for representatives of thirty-three AVTIs to train staff to increase their use of services to these students. New and innovative curricula developed by the American Business Men's Research Foundation and the California Council on Alcohol Problems will be introduced and implementation training will be provided. A final report will be delivered.

MISSISSIPPI

Research (Sec. 131)

000106

Vocational-Technical Education Consortium of States (V-TECS) (Continuation).

Project Director: Shill, James F.

Organization: Mississippi Research and Curriculum Unit for Vocational and Technical Education. Drawer DX, Mississippi State, MS 39762

Telephone: (601) 325-2510

Sponsoring Agency: Mississippi State Dept. of Education, Jackson

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$31,180

Descriptors: *Task Analysis, *Behavioral Objectives, *Criterion Referenced Tests, *Competency Based Education, *Task Performance, Check Lists

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

Task statement booklets by job titles, a catalog of performance objectives, criterion-referenced measures, and performance guides will be developed. The preliminary list of tasks, equipment, and tools will be developed through worker interviews; a sample of incumbent workers in selected jobs will be surveyed to validate the inventory. Survey data will be analyzed and computerized to determine content of the catalog, which will be field reviewed with curriculum and instructional personnel, published, and distributed. State-of-the-art reports will be written.

000107

Research Coordinating Unit (Continuation).

Project Director: Shill, James

Organization: Mississippi Research and Curriculum Unit for Vocational and Technical Education. Drawer DX, Mississippi State, MS 39762

Sponsoring Agency: Mississippi State Dept. of Education, Jackson

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$149,603

Descriptors: *Research Coordinating Units, *Needs Assessment, *Teacher Education, *Research Proposals, *Research Projects, Use Studies, Educational Finance, Curriculum Development, Attitudes

Identifiers: State, Proposal

Three full-time persons will be available to assist state vocational personnel with research in vocational education. Research coordinating unit (RCU) activities will include assisting in research proposal development; developing and disseminating requests for proposal guidelines; providing contractual agreements; assisting the state division of vocational education in conducting research studies concerning local programs, teacher education, or attitudinal studies; conducting computer searches and needs assessments; reviewing research proposals and making recommendations; assisting the state department of education in reviewing and revising the vocational reimbursement formula for Mississippi; and conducting an RCU impact study.

Telephone: (601) 325-2510

Sponsoring Agency: Mississippi State Dept. of Education, Jackson

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$359,128

Descriptors: *Instructional Materials, *Home Economics Education, *Trade and Industrial Education, *Distributive Education, *Agriculture Education, *Business Education, Secondary Education, Postsecondary Education, Office Occupations Education, Industrial Arts, Core Curriculum

Identifiers: State, Proposal

Five full-time professional staff members will compile, develop, or purchase curriculum materials for home economics, secondary and postsecondary trade and industrial education, distributive education, and special vocational programs; other personnel will be contracted with as needed to develop materials in agriculture, business and office education, industrial arts, and guidance. Two- to three-day workshops will be held to disseminate the developed materials which include a home economics core curriculum, curricula in child care and basic agriculture, handbooks for cooperative education and business and office education, and a distributive education guide.

Curriculum Development (Sec. 133)

000108

Curriculum Development.

Project Director: Shill, James F.

Organization: Mississippi Research and Curriculum Unit for Vocational and Technical Education. Drawer DX, Mississippi State, MS 39762

MISSOURI

Research (Sec. 131)

000109

Program Evaluation Model for Local Education Agencies (LEAs).

Project Director: Elias, John E.

Organization: University of Missouri-Columbia, 505 East Stewart Road, ASC 201, UMC, Columbia, MO 65211

Telephone: (314) 882-6058

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-1 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$35,000

Descriptors: *Program Evaluation, *Instrumentation, *Administrator Guides, Federal Regulation, Comprehensive Programs, Models, Data Collection, Compliance Legal

Identifiers: Local Education Agencies, State, Proposal

A model instrument and accompanying handbook will be developed for use by local education agencies (LEAs) in evaluating vocational education programs. The model will be based on identification of the following: compliance requirements specified in appropriate federal and state regulations; major program components which, when combined, represent the complete interaction of comprehensive vocational education programs; parameters of production performance or process; and data needs for the model. The model is intended to reduce the data burden of the LEAs and enable state department personnel to shift their role from conducting onsite evaluations to one of monitoring. A final report will be written.

000304

Development of an Individualized and Group Instructional Program Based on Financial Management for Adult and Young Farmers in Vocational Agriculture Programs in Missouri.

Project Director: Weston, Curtis R.

Organization: University of Missouri-Columbia, Columbia, MO 65211

Telephone: (314) 882-3232

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-2 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,347

Descriptors: *Adult Farmer Education, *Young Farmer Education, *Computer Oriented Programs, *Competency Based Education, *Agricultural Education, *Money Management, Skill Analysis, Task Analysis, Curriculum Development, Instructional Materials

Identifiers: State, Proposal

To increase the enrollment of young farmers in the program, project staff will develop materials to be used by adult and young farmer teachers. Research will be conducted to identify competencies needed in areas of financial management; identify specific tasks and skills related to each competency; and verify these competencies, tasks, and skills with adult and young farmers, vocational agriculture teachers of adults, and representatives of agribusinesses. A computer-based analysis system for farm records and specific enterprise-analysis computer-based analysis system for farm records and specific enterprise-analysis computer output information will be developed to enable adult and young farmers to achieve the related competencies. Staff also will develop input forms to use in transferring information from the recordbook to the computer center and for running trial programs; self-contained, competency-based curriculum materials for use in initiating the program; guidelines and criteria for administering the program; and additional computer programs that can be used with

remote data terminals or minicomputers. A computer center will be selected and an advisory committee organized to carry out the program. A final report will be delivered.

000306

Resource Directory for Special Needs Students.

Project Director: Behymer, Jo

Organization: University of Missouri-Columbia, 316 Hill Hall, Columbia, MO 65211

Telephone: (314) 882-6523

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-3 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,000

Descriptors: *Instructional Materials, *Teaching Methods, *Educational Resources, *Career Development, *Occupational information, *Exceptional Persons, *Resource Materials, Secondary Education

Identifiers: State, Proposal

Research will be conducted for producing a directory to encourage and assist special needs students in career planning, and to increase the enrollment of these students in vocational education programs. Project staff will identify and describe specific jobs and clusters appropriate for types of special needs persons, and identify career ladders, criteria for advancement, and training programs available in those occupations. In addition, staff will identify, describe, and categorize special curriculum models, instructional aids and techniques, and teaching resources. Further research will identify appropriate techniques and job development, redesign, and placement. Research will involve a literature review; designing instruments to survey schools, students, employees, and agencies; and visiting exemplary programs. Following review by an advisory committee, the directory will be disseminated. A final report will be delivered.

000376

Competency-Based Curriculum Units for Adult Consumer Home Economics.

Project Director: Abbott, James W.

Organization: Rockhurst College, Urban Staff Planning and Development Center, Inc, 5225 Troost, Kansas City, MO 64110

Telephone: (816) 361-7515

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-6

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$27,940

Descriptors: *Homemaking Education, *Adult Education, *Consumer Education, *Competency Based Education, Parenthood Education, Nutrition Instruction, Visual Aids

Identifiers: State, Proposal

Project research will provide the basis for developing competency-based units for persons lacking basic skills and experiences in homemaking. Project staff will develop and disseminate 200 copies each of curriculum units in parenting, consumer education, resource management and nutrition. The self-contained teaching units will be used in consumer home economics by teachers of adult students. One hundred copies each of units in the same categories will be developed and disseminated for use by teachers of adult students in urban center cities. To accomplish this, staff will prepare behavioral objectives, design pretests, and determine the vocabulary to be learned in each unit. Ten self-contained teaching activities and lessons will then be created for each unit along with a review page, posttest, visuals, and a bibliography. A field test will be conducted and needed revisions will be made before the product is finalized. A final report will be

delivered.

000215

Teaching Strategies to Facilitate Students' Acquisition of Affective Work Competencies.

Project Director: Petty, Gregory C.

Organization: University of Missouri-Columbia, Department of Practical Arts and Vocational-Technical Education, 405 General Classroom Building, Columbia, MO 65211

Telephone: (314) 882-8391

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-7 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,843

Descriptors: *Work Attitudes, *Affective Behavior, *Instructional Materials, *Teaching Methods, *Teacher Effectiveness, Material Development, Teacher Workshops, Job Skills

Identifiers: State, Proposal

Research will be conducted to develop instructional materials to teach understanding of work habits, attitudes, and values required of specific occupations, thereby enhancing the possibility of job success for future vocational and technical graduates in Missouri. Project staff will identify essential and common affective worker characteristics of all vocational service areas and determine the characteristics related to two vocational programs that are also common among occupations. Instructional materials and lesson procedures will be developed to enable students to acquire the selected affective work competencies. After curriculum materials have been disseminated to selected Missouri schools, staff will compare the affective work competencies of students with those of workers. Teaching strategies will be judged by comparing treatment and control groups. A final report will be delivered.

000377

Teaching Strategies to Facilitate Students' Acquisition of Affective Work Competencies.

Project Director: Petty, Gregory C.

Organization: University of Missouri-Columbia, Department of Practical Arts and Vocational-Technical Education, 405 General Classroom Building, Columbia, MO 65211

Telephone: (314) 882-8391

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-131-600-7 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,843

Descriptors: *Working Attitudes, *Affective Behavior, *Instructional Materials, *Teaching Methods, *Teacher Effectiveness, Material Development, Teacher Workshops, Job Skills

Identifiers: State, Proposal

Research will be conducted to develop instructional materials to teach understanding of work habits, attitudes, and values required of specific occupations, thereby enhancing the possibility of job success for future vocational and technical graduates in Missouri. Project staff will identify essential and common affective worker characteristics of all vocational service areas and determine the characteristics related to two vocational programs that are also common among occupations. Instructional materials and lesson procedures will be developed to enable students to acquire the selected affective work competencies. After curriculum materials have been disseminated to selected Missouri schools, staff will compare the affective work competencies of student with those of workers. Teaching strategies will be judged by comparing treatment and control groups. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

000305

Initiate a Competency-Based Welding Program in Five Missouri Area Vocational Schools for students with Special

Needs and Varying Abilities.

Project Director: Schwindt, Robert C.

Organization: State Fair Community College, Area Vocational-Technical School, 1900 Clarendon Road, Sedalia, MO 65301

Telephone: (816) 826-7100

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-132-600-1 (126-126)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$35,000

Descriptors: *Competency Based Education, *Welding, *Teaching Guides, *Exceptional Persons, *Audiovisual Instruction, Program Development, Slides, Curriculum Development, Student Placement, Videotape Recordings, Area Vocational Schools

Identifiers: State, Proposal

The competency-based welding curriculum and related materials developed in this project will serve as a prototype for vocational-technical schools to aid in the acceptance and development of programs for vocational students with special needs. A mediated package will be produced for use by vocational educators in understanding the competency-based instruction methods and techniques. Project staff will select or develop two slide programs—one for school districts, administrators, and instructors on the advantages and characteristics of competency-based vocational instruction and another for vocational and technical instructors on the procedures in implementing competency-based education. Project staff also will develop and test a teaching guide and related competency-based welding curriculum for use with special needs students, develop a handbook for use by welding instructors and counselors in placing students in the proper welding sequences, and develop three videotapes demonstrating to other vocational educators techniques for teaching special needs students. Five area vocational-technical schools will be identified as field test sites, and an advisory committee will be selected to review the competency list and all project products. Modules will be reviewed and evaluated by instructors and the director, and competency-based programs will be implemented in the test sites.

Curriculum Development (Sec. 133)

002560

Vocational Education Resource Center.

Project Director: Schlichting, Harley

Organization: University of Missouri, 10 Industrial Education Building, Columbia, MO 65201

Telephone: (314) 882-2883

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-133-600-1 (116-116)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$102,952

Descriptors: *Instructional Materials, *Home Economics Education, *Agricultural Education, *Business Education, *Industrial Education, *Distributive Education, Secondary Education, Postsecondary Education, Sex Equity, Disabilities, Disadvantaged

Identifiers: State, Proposal

Secondary and postsecondary instructional materials will be developed and produced for vocational home economics education, vocational agriculture, business and office education, industrial education, distributive education, disadvantaged and handicapped projects, and sex equity projects.

000378

Missouri Vital Information for Education and Work (VIEW).

Project Director: Orogan, James H.

Organization: Hazelwood School District, 15955 New Halls Ferry Road, Florissant, MO 63031

Telephone: 921-4450

Sponsoring Agency: Missouri State Dept. of Elementary and Secondary Education, Jefferson City

Contract/Control No.: 80-133-600-3 (096-088)

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$96,738

Descriptors: *Instructional Materials, *Microfilm, *Career Education, *Delivery Systems, *Information Dissemination, *Inservice Education, Secondary Education, Postsecondary Education, Guides, Audiovisual Instruction

Identifiers: State, Proposal

The size of the Missouri VIEW microfilmed aperture card deck will be increased from 550 to 600 scripts, and the 550 career scripts developed during 1978-79 will be updated. The Missouri VIEW student guide and student and adult versions of the Missouri VIEW exploration handbook will be refined; the training institutions deck containing information on postsecondary institutions and vocational and technical schools will be updated. An updated slide/cassette tape program for use in teacher and counselor workshops and in-service training in selected school districts which receive the VIEW system will be provided.

MONTANA

Research (Sec. 131)

000279

Butte, Montana Vocational-Technical Center Study.

Project Director: Bandy, George; Kailey, Vernon

Organization: 733 East Sixth, Helena, MT

Telephone: 442-8886; 232-0434

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$10,000

Descriptors: *Feasibility Studies, *Regional Schools, *Vocational Schools, *Cost Effectiveness, State Aid

Identifiers: State, Proposal

An onsite study, student and program analysis, and cost benefit studies will be carried out to determine the feasibility of constructing a new vocational and technical center in the Butte area. The report will be produced for state legislature and local board hearings and presented to interested parties. The report will provide documentation to apply for state and local funding.

000300

Snapshot of Vocational Education in Montana.

Project Director: Olson, Tom

Organization: Northwest Regional Education Laboratory, 710 SW Second Avenue, Portland OR

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Funding Period: Start Date 21 Jan 80; End Date 01 Mar 80

Fiscal Year Funding: \$2,065

Descriptors: *Program Descriptions, *Educational Planning, *Delivery Systems, *Agency Cooperation, *Coordination

Identifiers: State, Proposal

A description of vocational education in Montana as it currently exists will be prepared, and the advisory council will be assisted in developing a statement of purpose for future vocational education. The report will include: funding patterns, delivery systems, governance structure, interagency coordinating systems, and support systems. The report will be supplied to all interested individuals.

000294

Identification and Development of Apparatus to Assist the Physically Handicapped in Obtaining Access to Laboratory Shops.

Project Director: Bruwelheide, Kenneth

Organization: Montana State University, Department of Industrial Education, Bozeman, MT 59717

Telephone: 944-0211

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5703-22-17-0020

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$11,738

Descriptors: *School Shops, *Physical Disabilities, *Equipment, *Design Apparatus, *Accessibility For Disabled, Secondary Education, Hand Tools

Identifiers: State, Proposal

Shop skills, tools and equipment commonly found in secondary school instructional laboratories will be identified in light of skills determined possible for physically handicapped individuals to attain. The mobility, strength, and dexterity limits of selected physically handicapped individuals in regard to attaining skills using the identified machine and hand tools will be studied. Apparatus to enable proper,

safe, and independent use of identified tools and equipment will be designed, constructed, and refined through laboratory use. Plans, sample test apparatus, and construction and use materials will be compiled for future dissemination to teachers.

000110

Pilot Project Vocational Education Employee/Employer Satisfaction Follow-Up Project.

Project Director: Parsons, Angelina

Organization: Montana State University, Bozeman, MT 58717

Telephone: 994-0211

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5073-05-24-21-0024

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$10,020

Descriptors: *Records Forms, *Followup Studies, *Graduate Surveys, *Decentralization, *School Districts, Employer Attitudes

Identifiers: State, Proposal

Standardized follow-up forms that meet data requirements of local districts will be developed and integrated with federal agency requirements. The forms will be pilot tested on a sample of six school districts. A decentralized management system for obtaining follow-up data will be pilot tested. Each school district will mail the follow-up forms and compose a cover letter. Problems experienced during the pilot project will be identified. An orientation staff development workshop for participating school districts will be held. School districts will mail student follow-up forms, then will mail employer survey forms only to those alumni who grant permission to have their employer contacted. A final report will be submitted.

Exemplary and Innovative (Sec. 132)

000295

Montana Occupational Employment Survey.

Project Director: Barrett, Fred

Organization: Montana State Department of Labor, Employment and Training Division, 35 South Last Chance Gulch, Helena, MT 59601

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-6250-06-180501

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$24,546

Descriptors: *Occupational Information, *Employment Statistics, *Building Trades, *Occupational Surveys, Employment Programs, Postsecondary Education

Identifiers: State, Proposal, *Mining

An occupational employment statistics program will be developed; and finance, insurance, and real estate businesses will be surveyed to obtain occupational information. A survey of mining and construction occupational information will be published.

000379

Project Prime (Continuation).

Project Director: Johnson, Judy

Organization: Easter Seal Society, Helena, MT 59601

Telephone: 422-2061

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-6201-05-22-99-0043

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$56,012

Descriptors: *Disadvantaged Youth, *Career Counseling, *Rural Schools, *Employment Opportunities, *Disabilities, *Student Evaluation, Senior High Schools, Job Analysis, Work Experience

Identifiers: State, Proposal

Project Prime, coordinated by the Montana Easter Seal Society, has been developed to facilitate vocational counseling and evaluation in rural high schools and to provide work experience, job assessment, and awareness of job opportunities in the state. The screening process to be used in rural schools and Helena public schools will include rules and regulations for special education. Student assessment will include results of individual achievement tests, psychological and physical examination, and evaluation of work aptitudes and attitudes. Evaluations will be conducted by the Evaluation and Career Development Center of Helena Industries. Efforts for student guidance and job placement will be coordinated with currently available jobs. An advisory board will serve the project and a complete vocational assessment and aptitude packet to be made available to guidance counselors will include information on vocational training or job placement for rural handicapped and disadvantaged students.

Curriculum Development (Sec. 133)

000380

Industrial Occupational Information for Secondary School Students.

Project Director: Polette, Doug

Organization: Montana State University, Bozeman, MT 59717

Telephone: 944-0211

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5703-05-23-16-0026

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,642

Descriptors: *Industrial Arts, *Behavioral Objectives, *Occupational Information, *Program Guides, Secondary Education, School Business Relationship, Career Choice

Identifiers: State, Proposal

An occupational education guide for industrial careers will be developed and field tested. Based on data collected from business and industry throughout the state, a list of performance objectives will be developed for secondary industrial arts program. The information will be compiled into a booklet and presented in conjunction with current industrial arts curriculum guides to instructors in workshops. With the completed guide, instructors will be able to demonstrate the need for training in particular occupations and the benefits and future outlook of specific occupational areas, and will better prepare students to choose which vocational program they enter. Project results will be sent to officials and interested instructors throughout the state.

000299

Development of an Activities Manual for Distributive Education.

Project Director: Millikin, Norm; Harris, Ron

Organization: Montana State University, Bozeman, MT 59717

Telephone: 994-4421

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5703-05-24-22-0013

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,234

Descriptors: *Distributive Education Teachers, *Resource Materials, *Teacher Developed Materials, *Instructional Materials, *Learning Activities, Secondary Education, Program Guides

Identifiers: State, Proposal

To improve the quality of education in the classroom, a variety of current and relevant materials and activities for distributive education teachers will be provided, and a resource materials and activities manual will be published and distributed to all distributive education

teachers. Materials free of sex bias will be selected. Distributive education teachers will be surveyed to determine activities being used in each instructional area, and the need for new activities and materials. Activities and projects will be collected for inclusion in the manual. Copies of the manual will be made available to preservice distributive education students at Montana State University.

000381

Distributive Education Audiovisual Materials Laboratory.

Project Director: Newville, Ron

Organization: Bozeman High School, Bozeman, MT 59715

Telephone: 586-3361

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-1605-05-23-99-0502

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000

Descriptors: *Audiovisual Instruction, *Audiovisual Centers, *Distributive Education, *Instructional Materials, *Teacher Education, Secondary Education, Information Dissemination, Marketing

Identifiers: State, Proposal

All marketing and distribution teachers will be supplied with up-to-date printed and audiovisual materials to supplement their traditional curriculum materials. Materials also will be supplied to teacher education programs to give distributive education majors an up-to-date philosophy in business and marketing. A uniform state curriculum in business and marketing will be presented. In the future all materials will be purchased at the recommendation of teachers and teacher education programs.

000382

Review and Revision of the Montana Business Education Curriculum Guidelines.

Project Director: Frost, Floyd

Organization: Montana State University, Bozeman, MT 59717

Telephone: 994-4421

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5703-06-25-99-0016

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,280

Descriptors: *Business Education, *Instructional Materials, *Disabilities, Curriculum Development, Sex Fairness

Identifiers: State, Proposal

Secondary business teachers representing different regions within the state and the project director will review and revise business education curriculum guidelines to include current office and business changes. Subject area objectives will be revised to include information which will eliminate sex and racial biases and stereotyping in business and office employment. The updated curriculum will provide teachers with suggestions for teaching the handicapped and sources for obtaining additional information. The curriculum will be disseminated statewide.

000383

Consumer Homemaking Curriculum Revision.

Project Director: Parsons, Angelina

Organization: Montana State University, Bozeman, MT 59717

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract/Control No.: 80-5703-05-23-99-0023

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$5,350

Descriptors: *Consumer Education, *Instructional Materials, *Home Economics, *Teacher Education Workshops, *Teacher Developed Materials, *Behavioral Objectives, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Fifteen home economics teachers will participate in a one-week workshop on the curriculum development process. These teachers will analyze and revise the scope and sequence of materials developed in

1978 and will develop learner outcomes to accompany the revised materials. The consumer homemaking curriculum materials will be printed in booklet form and distributed to all Montana home economics teachers during Autumn, 1980. A final report on the curriculum revision process and teacher evaluations of the workshop sessions will be delivered.

NEBRASKA

Research (Sec. 131)

000010

Identification of New and Emerging Occupations in Nebraska.

Project Director: Buettner, David L.
Organization: Southeast Community College, Lincoln, NE 68501
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln
Contract/Control No.: 131-08-01
Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80
Fiscal Year Funding: \$9,475

Descriptors: *Data Bases, *Employment Trends, *Employment Projections, Curriculum Planning, Program Planning, Labor Market, Community Colleges, Basic Skills, Manpower Needs
Identifiers: *Emerging Occupations, State, Proposal

New and emerging occupations in Nebraska will be identified and an information base established from a literature review and other resources for program and curriculum planning to meet future labor market needs. Educators and practitioners will use the Delphi technique to establish statewide consensus on the definition of a new and emerging occupation. Basic skills needed for the identified occupations will be ascertained and predictions formulated for demands and growth trends in those occupations for the next ten years. Findings will be disseminated to vocational educators through workshops given at each community and technical college in Nebraska.

000116

Employer Follow Up.

Project Director: Klabenes, Robert E.
Organization: Southeast Community College, Milford, NE
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln
Contract/Control No.: 131-80-02
Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$5,000

Descriptors: *Followup Studies, *Employers, *Vocational Followup, Standards, Data Collection, Postsecondary Education, Work Attitudes, Job Skills, Task Performance, Evaluation Methods

Identifiers: State, Proposal

An employer follow-up system to solicit information from employers on postsecondary vocational program completers relative to work attitudes, technical skills and knowledge, and work quality standards will be designed and tested. Survey questionnaires will be constructed to solicit descriptive data from a stratified sample of 600 employers who regularly recruit program completers from the Milford campus. Descriptive evaluation procedures and analyses will be used.

001672

Costs and Benefits of Vocational Education Programs in Nebraska Communities.

Project Director: Eggland, Steven A.
Organization: University of Nebraska-Lincoln, The Center for Business and Vocational Teacher Education, Lincoln, NE 68588
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$14,995

Descriptors: *Cost Effectiveness, *Models, Postsecondary Education, Secondary Education

Identifiers: State, Proposal

An eclectic cost-benefit analysis model will be developed, tested in at least two vocational education programs representing secondary and postsecondary schools in different size communities, revised, and disseminated.

001673

Minority Groups in Nebraska Vocational Education Programs.

Project Director: Eggland, Steven A.; Johnson, Carol A.
Organization: Center for Business and Vocational Teacher Education, University of Nebraska, Lincoln, NE
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln
Funding Period: Start Date 01 Sep 79; End Date 31 Aug 80
Fiscal Year Funding: \$7,499

Descriptors: *Mexican American Education, *Followup Studies, *Counselor Attitudes, *Administrator Attitudes, *Teacher Attitudes, Secondary Education, Mexican Americans, Sociocultural Patterns, Attitude Measures

Identifiers: State, Proposal

The extent and success of the vocational education of Mexican-American youth in Lincoln, Scottsbluff, and Alliance will be determined by studying the sociology and demography of the Mexican-American population; determining the level of Mexican-American participation in public schools vocational education programs; conducting a follow-up survey of such participants; and conducting a survey of administrators, teachers, and counselors to determine their attitudes toward educating Mexican-American youth.

Curriculum Development (Sec. 133)

000539

Development of Curriculum Modifications for Urban Vocational Agriculture in Nebraska.

Project Director: Biezek, Allen G.
Organization: University of Nebraska, Department of Agricultural Education, East Campus, Lincoln, NE 68583
Telephone: (402) 472-2807

Sponsoring Agency: Nebraska State Dept. of Education, Lincoln
Contract/Control No.: 133-80-01

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$26,309

Descriptors: *Agribusiness, *Instructional Materials, Curriculum Development, Inservice Teacher Education, Preservice Education, Secondary Education, Senior High Schools, Postsecondary Education

Identifiers: State, Proposal

To improve urban vocational agribusiness programs in Nebraska, project staff will provide instructional materials for non-production-oriented programs preparing students for agribusiness occupations. Nebraska core curriculum materials in vocational agriculture will be modified by a committee of vocational agriculture instructors, representatives of agribusiness, and state department staff. A validated list of agribusiness competencies developed by USOE will be used in developing the three-year curriculum materials to be reproduced and disseminated to participating schools. Preservice and in-service education for urban teachers concerning use of the materials will be updated and a comprehensive plan developed for evaluating the teacher education and materials implementation.

000303

Nebraska Vocational Curriculum Resource Center (Continuation).

Project Director: Nelson, Beverly J.
Organization: Kearney State College, Center for Vocational Education, Kearney, NE 68847

Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,997

Descriptors: *Educational Resources, *Resource Centers, *Instructional Materials, *Information Dissemination, *Curriculum Evaluation

Identifiers: State, Proposal

A center for acquiring and disseminating vocational curriculum materials will be continued to serve as a focal point for the collection, acquisition, dissemination, and diffusion of vocational education curriculum materials and as a facilitating mechanism for the systematic review and evaluation of curriculum materials for possible adoption for vocational education instruction. Task force meetings will be held as needed for assessing and reviewing the curriculum center's activities.

000235

Development of Scope and Sequence at Three Levels in Consumer and Homemaking Education as Taught in Nebraska for Grades 7-12 with Suggestions for Programs Serving Learners in Postsecondary and Adult Programs.

Project Director: Newkirk, Gwendolyn; Kreutz, Shirley

Organization: University of Nebraska, College of Home Economics, Department of Education and Family Services, Lincoln, NE 68583

Telephone: (402) 472-2959

Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

Contract/Control No.: 133-08-04

Funding Period: Start Date 01 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,000

Descriptors: *Home Economics, *Consumer Education, *Curriculum Design, Secondary Education, Postsecondary Education, Adult Education

Identifiers: State, Proposal

Content for six areas of home economics for consumer and homemaking programs in grades 7-12 will be identified and grouped into suggested time blocks to help teachers design balanced programs. Implications for selecting content for developing a scope and sequence of grades other than 7-12 (postsecondary and adult) and a valid framework for designing a compatible curriculum will be developed. The final product, "A Scope and Sequence for Consumer and Homemaking Programs in the Secondary Schools of Nebraska, Grades 7-12," will be disseminated to provide teachers with a resource from which content to plan programs for a particular school setting can be selected.

000540

Development of Scope and Sequence at Three Levels in Consumer and Homemaking Education as Taught in Nebraska for Grades 7-12 with Suggestions for Programs Serving Learners in Postsecondary and Adult Programs.

Project Director: Newkirk, Gwendolyn; Kreutz, Shirley

Organization: University of Nebraska, College of Home Economics, Department of Education and Family, Lincoln, NE 68583

Telephone: (402) 472-2959

Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

Contract/Control No.: 133-08-04

Funding Period: Start Date 01 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,000

Descriptors: *Home Economics, *Consumer Education, *Curriculum Design, Secondary Education, Postsecondary Education, Adult Education

Identifiers: State, Proposal

Content for six areas of home economics for consumer and homemaking programs in grades 7-12 will be identified and grouped into suggested time blocks to help teachers design balanced programs. Implications for selecting content for developing a scope and sequence of grades other than 7-12 (postsecondary and adult) and a valid framework for designing a compatible curriculum will be developed. The final product, "A Scope and Sequence for Consumer and Homemaking Programs in the Secondary Schools of Nebraska, Grades 7-12," will be disseminated to provide teachers with a resource from which content to plan programs for a particular school setting can be selected.

000297

Solar Energy Applications for Agriculture.

Project Director: Gilbertson, O. S.

Organization: University of Nebraska, Department of Agricultural Education, 302 Agricultural Education Hall, Lincoln, NE

Telephone: (402) 472-2807

Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

Contract/Control No.: 133-80-06

Funding Period: Start Date 15 Feb 80; End Date 01 Jun 80

Fiscal Year Funding: \$5,000

Descriptors: *Solar Radiation, *Instructional Materials, *Agricultural Education, *Energy Conservation, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

The instructional unit, "Understanding Solar Energy Systems," developed in New Mexico, will be modified to provide practical application to agriculture. Introductory units on alternative energy and agricultural energy management will be developed. Solar energy specialists will review existing curriculum, provide ideas for job sheets and projects applicable to agriculture, and develop agricultural illustrations and examples. Three hundred copies of the units will be produced for use in secondary and postsecondary vocational agriculture departments.

NEVADA

Exemplary and Innovative (Sec. 132)

000541

Vocational Gerontology Program: Food Service for the Aged.

Project Director: Monaco, Mario

Organization: Rancho High School, Clark County School District, Las Vegas, NV 89030

Telephone: (702) 649-4270

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: NV-79-132-A-01

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$30,000 (Charged to FY 1979)

Descriptors: *Food Service, *Field Experience Programs, *Gerontology, *Learning Laboratories, *Instructional Materials, *Entry Workers, Job Skills, Older Adults, Delivery Systems, Secondary Education

Identifiers: State, Proposal

Development of a course in food service for the elderly will provide field experiences and opportunities for students to gain entry-level job skills. A task force will develop the course syllabus and accompanying materials; school district staff will construct and equip a gerontology learning laboratory. Complete curricula, accompanying materials, and assessment tools for the course will be available as a transportable secondary-level gerontology delivery system.

000004

Development of Improved Curriculum Materials and Computer-Assisted Instruction Software for the Solar Energy Technology Program.

Project Director: Comarow, David

Organization: Clark County Community College, 3200 East Cheyenne Avenue, North Las Vegas, NV 89030

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: 2676-CCCC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$12,286

Descriptors: *Computer Assisted Instruction, *Solar Radiation, *Paraprofessional Personnel, *Laboratory Manuals, Computers, Curriculum Development

Identifiers: State, Proposal

The capabilities of computer-assisted instruction (CAI) will be expanded to include units in space heating systems, passive systems, swimming pool systems, and control systems to improve the preparation of solar energy technicians. The feasibility of loading the CAI package on a minicomputer will be studied and tested. Two existing texts will be rewritten to interface with laboratory equipment capability, and laboratory manuals for two courses will be produced.

000005

Improvement of Dental Radiology Courses.

Project Director: Koot, Adele C.

Organization: Clark County Community College, 3200 East Cheyenne Avenue, North Las Vegas, NV 89030

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: 2676-CCCC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$16,229

Descriptors: *Dental Hygienists, *Dental Assistants, *Allied Health Occupations Education, *Radiology, *Laboratory Equipment, Curriculum Development

Identifiers: State, Proposal

A component in the use of panoramic x-ray techniques will be added to the dental hygiene program to increase the employability of den-

tal hygienists and assistants. Curriculum materials related to the use of the equipment will be developed, tested, revised, and disseminated. Effectiveness of instruction will be evaluated based on students' performance.

000006

Dental Health Education Program for the Licensed Practical Nursing Student.

Project Director: Briggs, Susan; Griego, Elizabeth

Organization: Clark County Community College, 3200 E. Cheyenne Avenue, North Las Vegas, NV 89030

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: 2676-CCCC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$715

Descriptors: *Dental Health, *Practical Nurses, *Videotape Recording, Curriculum Development, Allied Health Occupations Education

Identifiers: State, Proposal

A curriculum component and videotapes will be developed in dental health care to improve the ability of licensed practical nurses (LPN) to provide dental health care for in-hospital patients, including care and cleaning of teeth and use of dental appliances. Pre- and posttests will be used to establish competency levels of student LPNs. Information about the curriculum and videotapes will be disseminated to other LPN programs in Nevada.

000007

Vocational Program in Microcomputer Technology.

Project Director: Groth, George

Organization: Carson City School District, P.O. Box 603, Carson City, NV 89701

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: 2676-CC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$3,546

Descriptors: *Computers, *Electronics, *Instructional Materials, *Learning Activities, Secondary Education, Material Development

Identifiers: State, Proposal

A microcomputer will be installed in the electronics laboratory and teaching materials will be developed to expand the secondary electronics program and increase the employability of students completing the program. Program effectiveness will be based on student learning in the new area. A final report will be delivered.

000009

Development of an Individualized Medical Typing Course for the Associate in Applied Science Degree in Office Administration.

Project Director: Dain, JoAnn

Organization: Western Nevada Community College, P.O. Box 3479, Reno, NV 89505

Sponsoring Agency: Nevada State Dept. of Education, Carson City

Contract/Control No.: 2676-WNCC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$2,000

Descriptors: *Individualized Curriculum, *Typewriting, *Office Occupations Education, *Allied Health Occupations Education, Associate Degrees, Curriculum Development, Typists, Stenographers, Secretaries, Medical Vocabulary

Identifiers: State, Proposal

An individualized medical office transcription and typing curriculum for the office administration program leading to the associate

in applied science degree will be developed, installed and evaluated. Published materials usable in the development of the course will be identified and evaluated, and measureable objectives to be achieved will be developed.

0003C2

Education-Industry Cooperative Programs: The Cooperative Education Work Experience Program.

Project Director: Perkins, Dorothy J.

Organization: Clark County Community College, 3200 East Cheyenne Avenue, Las Vegas, NV 89030

Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract/Control No.: 2676CCCC-80

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$22,260

Descriptors: *Community Colleges, *Cooperative Education, *School Community Cooperation, *Work Experience Programs, Part Time Teachers

Identifiers: State, Proposal

Project staff will continue a cooperative education program designed to provide students with the opportunity to incorporate classroom theory with practical work experience. Faculty participation in the supervision of cooperative education students will be increased to create a meaningful triangle between students, the college, and the employer. The program will be publicized through the college, community employers, and high schools in southern Nevada. Part-time instructors from various occupational programs will be used as supplementary resource persons for career planning and to identify job openings in their particular occupations. Cooperative education will be integrated into each instructional program at the college.

002561

Development of Real Estate Videotapes for Use as Instructional Aids in Real Estate Classes.

Project Director: Frandsen, Jerald

Organization: Truckee Meadows Community College, PO Box 3479, Sparks, NV 89431

Telephone: (702) 673-4666

Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract/Control No.: 2676-TMCC-80

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 81

Fiscal Year Funding: \$23,560

Descriptors: *Business Education, *Real Estate, *Community Colleges, *Videotape Recordings, *Audiovisual Instruction, Institutional Cooperation, Instructional Materials, Programing Broadcast, Postsecondary Education

Identifiers: State, Proposal

Though a cooperative venture among four community colleges, 12 videotaped presentations on real estate and related business education programs will be developed and tested in college classes as well as public television for access by persons in rural areas. Copies of the videotapes emphasizing subject matter unique to Nevada will be distributed statewide.

000401

Home Economics Related Occupations Instructional Modules.

Project Director: Chapin, Carol

Organization: Washoe County School District, 425 East Ninth Street, Reno, NV 89512

Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract/Control No.: 2676-WCSD-80

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 81

Fiscal Year Funding: \$22,640

Descriptors: *Learning Modules, *Basic Skills, *Occupational Home Economics, School Business Relationship, Job Skills, Instructional Materials

Identifiers: State, Proposal

A series of home economics related occupations (HERO) instructional modules which will emphasize basic reading and mathematical skills will be developed to help students build entry-level skills for job placement in the area. Home economics teachers will work in industry to observe and collect data from which the modules will be developed and distributed statewide.

000402

Special Needs of Handicapped High School Students.

Project Director: Jenny, Don

Organization: Carson City School District, P O Box 603, Carson City, NV 89701

Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract/Control No.: 2676-CCSD-FY80

Funding Period: Start Date 01 May 80; End Date 30 Jun 81

Fiscal Year Funding: \$44,240

Descriptors: *Learning Disabilities, *Learning Laboratories, *Career Guidance, *Mild Mental Retardation, *Special Education, *Mental Retardation, Secondary Education

Identifiers: State, Proposal

To better prepare students to obtain entry-level jobs commensurate with their ability and in selected service occupations, project staff will provide vocational learning opportunities for high school students identified as educable mentally handicapped and severely learning disabled. A laboratory program similar to the actual work situation will be established for each occupational area. After an evaluation and orientation in each area, students will select the area in which they are most interested and capable. An in-depth description of the program which could be replicated in other school districts will be delivered.

002562

Sequential Occupational Child Care Program.

Project Director: Chapin, Carol

Organization: Washoe County School District, 425 East 9th Street, Reno, NV 89512

Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract/Control No.: 2676-WCSD-FY80

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 81

Fiscal Year Funding: \$23,509

Descriptors: *Employment Opportunities, *Child Care Occupations, *Occupational Aspiration, *Cooperative Education, *Exceptional Persons, *Disadvantaged Youth, Nursery Schools

Identifiers: State, Proposal

This project will broaden occupational aspirations and opportunities for handicapped and disadvantaged students and will involve a cooperative arrangement between a high school and private nursery schools to correlate vocational education opportunities in child care with current and projected needs of the labor market. To facilitate this effort, child care employers will be used in the training of child care workers. A final report will be written.

NEW HAMPSHIRE

Exemplary and Innovative (Sec. 132)

Resource Center's collection the first year. A list of available materials will be published and disseminated.

000388

New Directions for Vocational Education in Colebrook and Other Rural or Small Centers.

Project Director: Pinette, Richard E.

Organization: Supervisory Union 7, 10 Bridge Street, Colebrook, NH 03576

Telephone: (603) 237-5571

Sponsoring Agency: New Hampshire State Dept. of Education, Concord

Contract/Control No.: 08602

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,000 (Charged to FY 1979)

Descriptors: *Program Development, *Educational Planning, *Rural Schools, *School Community Relationship, *Vocational Training Centers, Program Guide, Advisory Committees

Identifier: State, Proposal

A manual, "New Directions—A Guide for Establishing a Vocational Center in a Rural Area," will be developed to include practices that proved to be successful in returning planned vocational education to the area. An advisory committee composed of local residents will be organized; and meetings will be held with area selectmen, school boards, school administrators, local news services, and area service clubs. The manual will include an analysis of past plans rejected by voters, the new or corrective plan, a record of how the advisory committee members were identified and their part in developing the new plan, copies of the questionnaire developed to obtain citizen input, a record of how local control groups were identified and meetings scheduled with such groups, and the materials necessary to gain voter acceptance at the annual school district meeting.

Curriculum Development (Sec. 133)

000389

Establishment and Maintenance of a State Vocational Learning Resource Center.

Project Director: Kitlan, Dorothea

Organization: Keene State College, Mason Library, Keene, NH 03431

Sponsoring Agency: New Hampshire State Dept. of Education, Concord

Contract/Control No.: 09079

Funding Period: Start Date 01 Oct 80; End Date 30 Jun 80

Fiscal Year Funding: \$14,000 (Charged to FY 1979)

Descriptors: *Learning Resource Centers, *Resource Materials, *Educational Resources, *Instructional Materials, Information Dissemination, Library Circulation, Disabilities, Disadvantaged, Nontraditional Occupations, Sex Fairness

Identifier: State, Proposal

A resource center will be established to disseminate vocational education resource and curriculum materials on new and changing occupational fields, handicapped and disadvantaged, persons of limited English speaking ability, guidance and testing materials designed to overcome sex bias and sex stereotyping, support services to help teachers meet the needs of students enrolled in programs traditionally limited to the opposite sex, and other materials to improve the state's program. The present collection of materials and equipment necessary to house and use them will be moved from the Occupational Education Resource Center at Durham. Criteria for delimiting the present collection, accepting new entries, and setting circulation policies will be developed in cooperation with an advisory committee. One-third of the collection will be integrated into the Learning

NEW JERSEY

Research (Sec. 131)

000390

Development of Student Achievement Measures for Vocational Education.

Project Director: Schaefer, Carl J.

Organization: Rutgers, the State University, Graduate School of Education, 10 Seminary Place, New Brunswick, NJ 08903

Telephone: (201) 932-7937

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 131 SREG 815

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Criterion Referenced Tests, *Test Construction, *High School Graduates, *Achievement Tests, Interstate Programs, Student Evaluation

Identifiers: State, Proposal

Between six and eight states will develop, prepare for implementation, and field test eight to ten criterion-referenced student achievement measures for secondary school vocational graduates. It is anticipated that about sixty measures covering all fields of vocational education will be developed over a three-year period. New Jersey will assume responsibility for one or two tests and provide input into all the others. New Jersey will also organize a steering committee of local directors and state department personnel and establish linkages with the National Occupational Competency Testing Institute. Research results will provide a system of feedback for both the improvement of instruction and the recognition of individual student achievement for employment purposes.

000391

Vocational Assessment of the Chronic Mentally Ill Student.

Project Director: Turner, Floyd D.

Organization: New Jersey College of Medicine and Dentistry, Rutgers Medical School, Box 101 Hoes Lane, Piscataway, NJ 08854

Telephone: (201) 463-4351

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 131 SRE 308

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$48,139

Descriptors: *Test Interpretation, *Evaluation Methods, *Vocational Rehabilitation, *Schizophrenia, *Diagnostic Tests, *Career Development, Test Reliability, Standardized Tests

Identifiers: State, Proposal

To improve the assessment phase of vocational education rehabilitation and thus improve education and rehabilitation outcomes for schizophrenic persons, this study will establish the reliability and validity of diagnostic and evaluative measures which have been used to evaluate the career development of schizophrenic clients and develop procedures for administering measures originally used with normal populations. Test scores for schizophrenic clients on both unstandardized and standardized measures of vocational potential will be examined to determine the reliability and validity of these measures for the schizophrenic population. Those clients who receive both tests will be analyzed separately.

000542

SENSE Connection—Linking Education with Business and Industry.

Project Director: Hamill, Thomas S.

Organization: Educational Improvement Center, 202 Johnson Road, Building 3, Morris Plains, NJ 07950

Telephone: (201) 539-0331

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 131 SREG 824

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,300

Descriptors: *Resource Materials, *School Business Cooperation, *Community Resources

Identifiers: State, Proposal

Local businesses and industries will be surveyed to provide information for a guidebook listing resources available to schools by the businesses and industries in the region. Resources will include visitations, speakers, internship programs, career opportunities, and media presentations. Awareness programs such as miniconventions and a round table exhibit hosted by the business and industry community will be used to introduce the guidebook to school districts. Use of the guidebook will be evaluated.

000543

Student Interest and Needs Survey.

Project Director: English, Joseph W.

Organization: Gloucester County Area Vocational-Technical School, Tanyard Road, P O Box 186, Deptford Township, Sewell, NJ 08080

Telephone: (609) 468-1445

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 131 SREG 811

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,506

Descriptors: *Needs Assessment, *Private Schools, *Area Vocational Schools, *Socioeconomic Status, *Career Choice, *Curriculum Planning, *Student Interests, Family Status, Student Needs, Secondary Education

Identifiers: State, Proposal

An annual needs assessment (conducted since 1979), of grades 7-10 in the county's twenty-six school districts to determine vocational curriculum preferences and hobby interests, will be expanded to include the nonpublic schools in Gloucester County. Project staff also will sample about 500 first-year students enrolled at Gloucester County Area Vocational-Technical School to predict whether socioeconomic status of family is a factor in career choices. Sex, ethnic background, and area (urban, suburban, and rural) are the variables which will be examined. The needs assessment will relate to secondary and postsecondary curriculum and additional facilities required by Public Law 94-482.

001604

Field Testing of Bilingually Translated Vocational English and Math Instructional Units.

Project Director: Gustilo, Ted O. Jr

Organization: Glassboro State College, Glassboro, NJ 08028

Telephone: (609) 445-6210

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,098

Descriptors: *Bilingual Education, *Spanish Speaking, *English Instruction, *Secondary School Mathematics, *Units of Study, Teaching Methods, Instructional Materials, Audiovisual Aids, Teaching Guides

Identifiers: State, Proposal

Completed bilingual (Spanish/English) vocational English and math units will be field tested at selected comprehensive high schools and area vocational and technical schools; the effectiveness of the units and teaching techniques used will be evaluated. The units were designed to supplement and incorporate English and math with regular academic subjects and vocational courses. Each unit is a self-contained instructional package and includes a teacher's guide, a stu-

dent workbook, a sound/color slide series, and unit-based pre and posttests. After field testing, the units will be revised.

Exemplary and Innovative (Sec. 132)

000392

Project for the Completion of Special Summer Projects.

Project Director: Bryant, Doris D.

Organization: New Brunswick Public Schools, 24 Bayard Street, New Brunswick, NJ 08901

Telephone: (201) 745-5250

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 132 SEMG 808

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$5,918

Descriptors: *School Safety, *Cooperative Education, *Program Development, *Occupational Surveys, Advisory Committees, Curriculum Development, Cocurricular Activities, Secondary Education, Labor Needs

Identifiers: State, Proposal

A vocational advisory committee will be established to develop priorities for developing and improving the district's career and vocational programs. Project staff will complete a mandatory districtwide vocational safety plan and an industrial survey to determine current labor market needs. The introduction to vocations curriculum at Redshaw Junior High School will be reviewed and revised to expand occupational areas. Cooperative education personnel will submit a calendar of joint activities for students and descriptions of cooperative advisory committee functions for the coming school year. A document illustrating the responses of the industrial survey will be prepared and analyzed to make recommendations for vocational program improvement.

000252

Exemplary Model for Career Guidance of the Gifted and Talented at River Dell.

Project Director: Stroh, Edward H.

Organization: River Dell Regional Schools, Pyle Street, Oradell, NJ 07649

Telephone: (201) 261-4500

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 132 SEMG 810

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,000

Descriptors: *Academically Gifted, *Talent, *Vocational Interests, *Decision Making, *Field Experience Programs, *Career Guidance, Grade 11, High School Students, Experiential Learning

Identifiers: State, Proposal

Gifted and talented high school students' ability to identify career interests, refine career choices, and synthesize decisions through hands-on experiences will be developed. In phase 1, the guidance laboratory experience, fifteen participating juniors will be exposed to career information, self-investigation procedures, evaluation and inventory measures, and group counseling sessions. During phase 2 involving shadowing experiences, students will observe persons in the fields selected in the laboratory experience with guidance from a counselor. In the next phase, the working internship experience, three students will be placed at work sites to participate in hands-on experiences with persons in the field. The Assessment of Career Development will be used to measure program impact by a pre and posttest design.

000393

Improving Basic Skills Through Vocational Education.

Project Director: Alston, LeRoy

Organization: South Brunswick Township Board of Education, Major Road, Monmouth Junction, NJ 08852

Telephone: (201) 329-6808

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 132 SEMG 812

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,000

Descriptors: *Skill Development, *Teaching Methods, *Basic Skills, *Low Achievement, Inservice Teacher Education, Vocational Education Teachers, Program Evaluation, Student Evaluation, Material Development

Identifiers: State, Proposal

The instructional and behavior management techniques that work best to increase students' basic skills will be developed to enable vocational educators to bridge the gap between low basic skills and entry-level employment skills. Vocational education students who test below the thirty-fifth percentile on the California Achievement Test will be identified and a management plan developed for workshops and training sessions that will include technicians, instructors, administrators, advisory committee members, and funding agency designees. Thirty hours of in-service training will be provided to help vocational instructors recognize students' problems, and to develop an appropriate teaching process for basic skills improvement, and to develop specific materials for each vocational program area. At least one workshop a month will be conducted to evaluate the process and materials and to ensure that a progressive learning pattern is established. Student progress will be evaluated by comparing achievement with students not enrolled in the program and are receiving remedial help, comparing pre- and posttest scores on each unit, and using results of state testing. Data on activities, training resources, workshops, and evaluation will be compiled in a single document for distribution in the district and statewide.

000394

Proposed Model for Development of Proficiency and Equivalency Tests for Clinical Laboratory Personnel.

Project Director: Dietrick, Marie C.; Zane, Hannah J.

Organization: New Jersey College of Medicine and Dentistry, School of Allied Professions, 100 Bergen Street, Newark, NJ 07103

Telephone: (201) 456-4769

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 132 SEMG 818

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$13,500

Descriptors: *Experiential Learning, *Medical Laboratory Assistants, *Bachelors Degrees, *Equivalency Tests, *Advanced Placement Programs, *Allied Health Personnel, Curriculum Development

Identifiers: State, Proposal

A model for recognizing previously acquired competencies of clinical laboratory personnel for advanced placement into the medical technical baccalaureate program will be developed. The target group includes on-the-job trainees, military personnel, and medical laboratory technicians with associate or certificate degrees who wish to further their education. Proficiency and equivalency basic and advanced exams will be developed, and existing curriculum will be modified into basic and advanced modules to facilitate entry of target group individuals into the advanced program. Job competencies will be compiled and evaluated and test questions written and evaluated. Enrichment activities for those who successfully pass the exams will be identified.

000395

Vocational Instruction and Basic Educational Skills (VIBES).

Project Director: English, Joseph W.

Organization: Gloucester County Vocational-Technical School, Tanyard Road, Box 186, Sewell, NJ 08080

Telephone: (609) 468-1445

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 132 SEMG 822

Fiscal Year Funding: \$30,000

Descriptors: *Remedial Programs, *Educationally Disadvantaged, *Disabilities, *Special Education, *Basic Skills, Class Activities, Individualized Instruction, Exceptional Persons

Identifiers: State, Proposal

Special needs students mainstreamed into regular vocational classes and low achieving educationally disadvantaged students will be provided remedial reading and mathematics activities to be developed and

adapted in conjunction with vocational basics. The students attending a shared time program at an area vocational-technical school will be assessed and assigned to one of the following programs: individual instruction, small group instruction (by trade area), small skill groups (by diagnostic need), scheduled laboratory time, or classroom presentations in the employment orientation class. Students will be pre- and posttested. All materials developed by the project will be made available to all day school and evening school instructors at the county vocational-technical school; to all special education, reading, and math teachers at the sending schools; to the occupational resource center in Edison, New Jersey; and to the vocational-technical curriculum laboratory at Rutgers University.

000396

Alternate School Work-Study Program.**Project Director:** Hila, Michaelina**Organization:** Long Branch City Board Of Education, 6 West End Court, P.O. Box 1, Long Branch, NJ 07740**Telephone:** (201) 229-8003**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 132 SEMG 829**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,000**Descriptors:** *Work Study Program, *Career Education, *Emotional Disturbances, *Nontraditional Education, *Social Adjustment, Career Development**Identifiers:** State, Proposal

Project staff will increase the effectiveness of the existing alternate school program through implementation of a work-study program which will permit socially maladjusted or emotionally disturbed students to set positive goals for themselves. Students in the project will identify at least one occupational cluster of interest, identify at least five occupations within the cluster, identify a minimum of five good work habits, explain and define each step in the process of making a decision, write a letter of application for a job, write a resume, fill out a job application, fill out a W-4 form, define and follow the procedure for getting working papers, initiate and complete the job interview process, and obtain a job and meet all requirements necessary for that job. Participating students will sign a contract and, in addition to attending a related class daily, will work four hours a day either within the school district or at entry-level positions at Monmouth Medical Center. A resource room will be set up at the alternate school to provide students with career information.

000397

Implementation of a Gerontological Technician Course into a Nurse Aide Program According to the New State Mandates.**Project Director:** Moore, Elizabeth V.**Organization:** Middlesex County Vocational-Technical Schools, 112 Rues Lane, Box 220, East Brunswick, NJ 00816**Telephone:** (201) 257-3300**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 132 SEMG 832**Funding Period:** Start Date 01 Aug 79; End Date 24 Jun 80**Fiscal Year Funding:** \$4,475**Descriptors:** *Gerontology, *Nurses Aides, *Certification, *Retraining, *Competency Based Education, *Allied Health Personnel, Nursing Homes**Identifiers:** State, Proposal

Project staff will add a gerontological technician course to a nurses' aide program to assist nurses' aides in upgrading their skills to meet newly mandated certification requirements. The competency-based program will include sixty-six hours of basic nursing skills and thirty-three hours of gerontology developed to meet the needs of nursing patients. Theory and clinical practice both in the nursing laboratory and in the cooperating health agency will be conducted concurrently.

000398

Implementation of a Gerontological Technician Course into a Nurse Aide Program According to the New State Mandates.**Project Director:** Moore, Elizabeth V.**Organization:** Middlesex County Vocational-Technical Schools, 112 Rues Lane, Box 220, East Brunswick, NJ 00816**Telephone:** (201) 257-3300**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 132 SEMG 832**Funding Period:** Start Date 01 Aug 79; End Date 24 Jun 80**Fiscal Year Funding:** \$4,475**Descriptors:** *Gerontology, *Nurses Aides, *Certification, *Retraining, *Competency Based Education, *Allied Health Personnel, Nursing Homes**Identifiers:** State, Proposal

Project staff will add a gerontological technician course to a nurses' aide program to assist nurses' aides in upgrading their skills to meet newly mandated certification requirements. The competency-based program will include sixty-six hours of basic nursing skills and thirty-three hours of gerontology developed to meet the needs of nursing patients. Theory and clinical practice both in the nursing laboratory and in the cooperating health agency will be conducted concurrently.

000544

Interfacing Career Vocational Objectives with Assessment Objectives and School Goals.**Project Director:** Gray, Judith A.**Organization:** Hunterdon Central High School, Route 31, Flemington, NJ 08822**Telephone:** (201) 782-3727**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 132 SEMG 836**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$7,600**Descriptors:** *Evaluation Methods, *Curriculum Evaluation, *Objectives, Inservice Teacher Education, Summative Evaluation**Identifiers:** State, Proposal

To interface career vocational unit objectives with school and state goals, minigrant proposals will be solicited from staff on a stipend basis to develop forty career vocational units tied to an appropriate assessment objective, diversified enough to represent each major curricular area by grade level. Posttest evaluations will be conducted at the conclusion of each unit to measure the success or failure of that unit to meet the specified goals and objectives. The data will be used to determine the level to which specific assessment objectives have contributed to meeting specific school goals. Successful units will be recommended to the board of education for infusion into the curriculum, and in-service activities will be conducted for those teachers needed to teach the approved units.

000399

CIE—The Bridge to Jobs.**Project Director:** Walton, Lawrence A.**Organization:** Wall Township Public Schools, P O Box 1199, Wall, NJ 07719**Telephone:** (201) 681-4300**Contract/Control No.:** 80 132 SEMG 848**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$33,000**Descriptors:** *Education Work Relationship, *Cooperative Education, *Films, *Public Relations, Documentaries**Identifiers:** State, Proposal

A twenty-minute, 16mm color film showing what cooperative education is doing to bridge the gap from school to job will be produced by a professional motion picture studio. The film, which will show students at work stations, will demonstrate in a positive way the qualities and attributes needed for success on a job. It will be part of a strategy to convince employers of the value of the program in terms of tax credits and the capability of cooperative education to provide them with beginning workers at minimum salaries. Evaluation will be based partially on placement figures for the school year in which the film is used as compared to placement figures for the previous school year.

000550

Development of Student Profile for Career and Vocational

Development.

Project Director: Hamill, Thomas S.
Organization: Educational Improvement Center of Northwest New Jersey, 202 Johnson Road, Building 3, Morris Plains, NJ 07950
Telephone: (201) 539-0331
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract/Control No.: 80 132 SEMG 853
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$34,098
Descriptors: *Career Choice, *Student Evaluation, *Vocational Maturity, *Career Development, Individualized Curriculum, Profiles, Student Records, Elementary Secondary Education
Identifiers: State, Proposal

The "Student Profile for Career and Vocational Development" will be further developed, and sets of comprehensive objective tasks to assess student competencies on career and vocational goals from K-14 will be developed. These assessment objective tasks will be transportable to all local education agencies as a resource. The information will be used by students, parents, counselors, teachers, administrators, and employers to assess an individual student's development of career maturity and to develop curriculum experiences appropriate for each student. Local district staff willing to implement the proposed process will be identified, a district plan for career and vocational education which includes project objectives in the district's overall planning written, and an in-service package to identify assessment objectives for each local goal will be prepared and conducted. After student assessment objective tasks are specified for each student, they will be incorporated into the student profile.

000400**Project Advance.**

Project Director: Foley, William J.
Organization: South Plainfield Board of Education, New Brunswick and Foster Avenues, South Plainfield, NJ 07080
Telephone: (201) 754-4620
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract/Control No.: 80 132 SEMG 859
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$25,590
Descriptors: *Adult Vocational Education, *Basic Skills, *Job Placement, *Career Counseling, *Student Evaluation, Career Education
Identifiers: State, Proposal

A comprehensive career counseling and referral system will be integrated into the adult high school. Assessment packages in which skills used on the job can be translated into both high school credit and a meaningful skills profile to the employer will be developed; individual education plans based on career goals will be written; and a basic skills performance profile to document reading, writing, and mathematical skills in terms of meaningful work contexts will be developed. During the implementation phase, adult counselors will develop education plans, qualified technicians will assess skill mastery, and students will be equipped with a job placement folder and referred to employers.

000217**Vocational Education for Gifted and Talented Students.**

Project Director: Wilson, Carol
Organization: Monroe Township Public Schools, Forsgate Drive, Jamesburg, NJ 08831
Telephone: (201) 251-2111
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract/Control No.: 80 132 SEMG 860
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$7,200
Descriptors: *Gifted, *Career Education, *Independent Study, *Individualized Programs, *Resource Room Programs, *Incentive Grants, Talent, Itinerant Teachers
Identifiers: State, Proposal

Gifted and talented seventh through twelfth graders will participate in a career vocational education program to provide them with specific, individualized, career oriented learning experiences, materials, and information not available in the regular curriculum and

to assist them in accepting increased responsibility for their educational, career, and vocational planning. A resource room will be staffed by an itinerant teacher/facilitator. Seventh and eighth grade students will be scheduled into an extra classroom or vocational high school course for a specified period of time. Activities will include independent projects or studies, seminars, field trips, conferences, and formal presentations in specific vocational fields. High school students in the project will apply for career/vocational incentive grants and work with the facilitator as needed. The funds will be used as incentives for developing specific individualized learning experiences related to careers which are not available through the regular curriculum and may be used to pay for materials, supplies, equipment, limited services, and travel.

000545**Multicultural and Ethnic Total Person Development for the Limited-English Proficient.**

Project Director: Phillips, Richard R.
Organization: Center for Occupational Education, Experimentation, and Demonstration of the State of New Jersey, 223 Broadway, Newark, NJ 07104
Telephone: (201) 648-3934
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract/Control No.: 80 132 SEMG 865
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$44,229
Descriptors: *English Second Language, *Non English Speaking, *Out Of School Youth, *Evening Classes, Spanish Speaking, Adult Students, Leadership Training, Ethnic Groups
Identifiers: State, Proposal

Out-of-school youth and non-English-speaking adults will participate in a twenty-five week evening program to include vocational classes, English language classes, and leadership development (management and coping skills) classes. The program, based on the concept that learning a trade can be used as a vehicle for learning English, will be advertised through newspapers, radio, television, and brochures. A vocational guidance counselor, a vocational instructor, and a teacher of English as a second language will work with individual participants throughout the project. Third party formative and summative evaluation will be encouraged, and student performance will be evaluated by the vocational instructor and a person in business and industry from the occupation in which the student was trained.

001605**Bilingual Vocational and Career Education.**

Project Director: Hamill, Thomas S.
Organization: Educational Improvement Center-Northwest, 202 Johnson Road, Building #3, Morris Plains, NJ 07950
Telephone: (201) 539-0331
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract/Control No.: SEMG833
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$41,691
Descriptors: *Information Services, *Bilingual Education, *Career Education, *Student Recruitment, *English Second Language, Community Attitudes, Teacher Attitudes, Program Development, Publicity
Identifiers: State, Proposal

An information base for bilingual vocational and career education will be established to stimulate greater participation in vocational and career education programs by the limited-English-proficient population, to sensitize educators and the community to the unique vocational and career education needs of this population, and to encourage the development and modification of vocational and career education programs to meet these needs.

001606**Project VACA: A Valuing Approach to Career Awareness.**

Project Director: Forrest, Ann; Appell, Margaret
Organization: Immaculate Conception School; Blessed Sacrament School, 520 Chestnut Avenue, Trenton, NJ 08611; 864 Bellevue Avenue, Trenton, NJ 08618

Telephone: (609) 396-8347; 396-8036

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Funding Period: Start Date 25 Sep 79; End Date 08 Jun 80

Fiscal Year Funding: \$5,945

Descriptors: *Career Education, *Urban Schools, *Private Schools, Junior High Schools, Grade 7, Grade 8

Identifiers: State, Proposal

Project VACA, a career awareness program for seventh and eighth grade students in two urban nonpublic schools, will emphasize the valuing approach in an introduction to vocations program. The project is intended to bridge the gap between a limited elementary education environment and secondary educational and occupational courses and to facilitate decision making in course selections which will determine options for students after they complete high school. Career exploration will be offered through the classroom instruction, hands-on activities, field trips, speakers, and demonstrations by business and industry.

001607

Vocational Innovations for Students of Exceptional Talent (Project VISET).

Project Director: Heidenberg, Estelle M.

Organization: Warren County Technical School, Box 168 A, RD #1, Washington, NJ 07882

Telephone: (201) 689-0122

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: SEMGR51

Funding Period: Start Date 03 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$19,450

Descriptors: *Career Education, *Gifted, *Talent, *Summer Programs, *Workshops, Student Recruitment, Secondary Education

Identifiers: State, Proposal

Students now attending academic high schools who demonstrate talent in woodworking, graphic design, drafting, machine shop, and power mechanics, will participate in a two-week summer career awareness workshop to encourage them to include vocational training in their career goals. Students then will participate in Saturday morning laboratory classes and take field trips to industries and vocational schools to become aware of advanced training facilities and commercial production.

001608

Developing a Model for Planning and Using the Evaluative Information As a Basis for Decision Making.

Project Director: Andersen, Bruce E.

Organization: North Hunterdon Regional High School District, Route 31, Annandale, NJ 08801

Telephone: (201) 735-5191

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Funding Period: Start Date 26 Mar 80; End Date 30 Jun 80

Fiscal Year Funding: \$5,000

Descriptors: *Educational Assessment, *Educational Planning, *Educational Improvement, *State Standards, Models

Identifiers: State, Proposal

A planning model using evaluation data collected in ten program areas by the state division of vocational education and career preparation will be developed for use by local districts. The model will include an evaluation plan which is a step-by-step procedure for using the evaluative data as a basis for decision making. The plan will result in the formation and implementation of a remediation plan to raise the performance level of program areas below the standards set by the state. Individuals involved will participate in all stages of the decision-making process.

Curriculum Development (Sec. 133)

000301

Guide for Writers of Individualized Education Programs with T4C.

Project Director: Weissberg, Hilda

Organization: Southard School, Kent Road, Howell, NJ 07731

Telephone: (201) 363-1246

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 UNSC 802

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,500

Descriptors: *Teaching Guides, *Instructional Materials, *Basic Skills, *Exceptional Persons, *Individualized Instruction, *Experimental Learning, Teaching Methods

Identifiers: State, Proposal

A guidebook-training package will be produced to help teachers write individual education plans for handicapped students that are oriented toward T4C. A team of writers will develop a list of basic skills for math and communications. Using the T4C laboratory in Edison, they will then develop hands-on activities and learning center strategies for each skill. The basic skills will be number coded and match the T4C skills and printed in a booklet which will describe the materials and instructions needed for carrying out each activity.

000117

Career Education for the Handicapped: A preservice Curriculum Model for Industrial and Special Education Teachers.

Project Director: Barnhart, David; Van Nest Melbourne

Organization: Kean College, Morris Avenue, Union, NJ 07083

Telephone: (201) 527-3063

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDQ #10

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,043

Descriptors: *Teacher Education Curriculum, *Special Education, *Industrial Education, *Career Education, *Mainstreaming, *Preservice Teacher Education, *Exceptional Persons

Identifiers: State, Proposal

Project staff will develop a preservice teacher training curriculum to provide industrial education and special education students with the skills needed to offer appropriate career education programs to handicapped students. Curriculum materials will be reviewed, and facilities with special programs for the handicapped will be visited to determine specific skills needed by the handicapped for employment and training needs of industrial education and special education teachers. Skills and needed training areas will be incorporated into a concentration consisting of three parts: a core of courses in special education to be completed by industrial studies majors; a core of courses in industrial education to be completed by special education majors; and a core of courses in career education, mainstreaming, and specific education for the handicapped for students from both departments.

000251

Career Guidance Curriculum for Ninth Grade Students Enrolled at the Cape May County Ninth and Tenth Grade Career Center.

Project Director: Carey, Peter

Organization: Cape May County Vocational School District, Crest Haven Road, Camp May Court House, NJ 08210

Telephone: (609) 465-3064

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDQ 811

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$11,450

Descriptors: *Grade 9, *Career Exploration, *Inservice Teacher Education, *Instructional Materials, Decision Making, Teacher Developed Materials

Identifiers: State, Proposal

A ninth grade curriculum which incorporates career exploration and decision making will be designed, developed, and implemented. A professional curriculum consultant will conduct a two-day program on curriculum development. Sixteen instructors will then develop learning activity packets for eight career cluster programs to be offered at the county ninth and tenth grade career center. The packets will be reviewed by the consultant, field tested, evaluated, modified, and disseminated.

000546

Modularized Curriculum for Adults.**Project Director:** Orlando, Neal**Organization:** Mercer County Vocational-Technical Schools, 1085 Old Trenton Road, Trenton, NJ 08690**Telephone:** (609) 586-5144**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 133 UNSC 816**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$9,000**Descriptors:** *Adult Vocational Education, *Learning Modules, *School Business Relationship, *Evening Programs, Adult Students, Training, Behavioral Objectives, Postsecondary Education**Identifiers:** State, Proposal

Curricula in selected occupations that identify the specifics of the course content and yet are flexible enough to meet the needs of adult students and their employers will be developed. All curricula now used by the adult evening school division will be reviewed. Curricula will be restructured into modular units, and behavioral objectives and topical content will be identified for each of the units. Industry training officers will be given copies of relevant curricula to serve as a basis for developing effective training agreements between the school and industry.

000118

Competency-Based Vocational Curriculum Development Project.**Project Director:** Newman, Robert C.**Organization:** Ocean County Vocational-Technical Schools, Old Freehold Road and Bay Lea, Toms River, NJ 08753**Telephone:** (201) 240-6414**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 133 SCDO 817**Fiscal Year Funding:** \$19,764**Descriptors:** *Competency Based Education, *Instructional Materials, Equipment Maintenance, Marine Technicians, Masonry, Child Care Occupations, Commercial Art, Printing**Identifiers:** State, Proposal

Competency based curricula will be developed in electromechanical equipment repair, marine trades, masonry trades, child care/child educational program assistants, and commercial art/printing trades. A curriculum writer will work with a vocational instructor and advisor committee who will validate and comment on the materials being developed. Copies of the course materials will be disseminated statewide.

000262

Distributive Education Curriculum Pyramid.**Project Director:** Stevenson, Brian**Organization:** Glassboro High School Board of Education, Bowe Boulevard, Glassboro, NJ 08028**Telephone:** (609) 881-2200**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 133 UNSC 817**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,000**Descriptors:** *Distributive Education, *Teaching Methods, *Lesson Plans**Identifiers:** State, Proposal

Thirty distributive education (DE) teacher coordinators will use material already published or lessons that have already proven successful to create a bank of ten one-day lessons in each of the ten instructional areas of distributive education as determined by the Distributive Education Clubs of America. A central committee of experienced DE coordinators will edit and disseminate the lessons. The coordinators could then select lessons from the bank, add their own lessons, and organize them from the least to the most difficult competencies.

000119

Curriculum Development for Today's Technology.**Project Director:** Cotugno, Dominic**Organization:** Camden City Public Schools, 34th & High Street, Camden, NJ 08105**Telephone:** (609) 541-1181**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 133 SCDO 824**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$9,300**Descriptors:** *Instructional Materials, *Student Motivation, *Educationally Disadvantaged, *Skill Development, Inservice Teacher Education, Trade and Industrial Education, Building Improvement, Appliance Repairing, Computer Programs, Curriculum Development, Secondary Education**Identifiers:** State, Proposal

Materials and products will be developed to revise outdated vocational curricula, and to enable students who have motivational problems due to socioeconomic and language barriers to acquire the skills necessary to deal with current technological advances. A central committee of teachers and administrators will coordinate the project. Small task force groups will develop curricula to provide skills to repair and replace pollution and ignition systems; repair color televisions and solid state stereos; repair and replace eaves and soffits; renovate and insulate old houses; increase the speed, accuracy and operation of mechanized equipment in medicine; and produce new computer programs. Teachers will receive inservice training. Products will be disseminated through presentations, publications, and workshops.

000261

Bilingual Word Processing Curriculum Development.**Project Director:** Norwood, Carolyn V.**Organization:** Essex County College, 303 University Avenue, Newark, NJ 07102**Telephone:** (201) 877-3217**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$18,700**Descriptors:** *Secretaries, *Competency Based Education, *Teaching Guides, *Instructional Materials, *Bilingual Education, Spanish Speaking, Postsecondary Education, Office Occupations Education**Identifiers:** State, Proposal, *Word Processing

English and Spanish word processing and related secretarial materials will be identified, translated, adapted, developed, articulated, and evaluated to develop a set of competency-based units of instruction in both languages. A training handbook to be used in an experimental word processing course will be produced. A team of three faculty members, a curriculum resource specialist, and a consultant will ensure the quality of the materials produced. A list of teaching strategies and recommendations for program implementation also will be prepared.

000547

Electronic Media Merchandising in Distributive Education.**Project Director:** Hird, John R.**Organization:** Red Bank Regional High School District, 101 Ridge Road, Little Silver, NJ 07739**Telephone:** (201) 842-8000**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80 133 SCDO 834**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$4,102**Descriptors:** *Distributive Education, *Television Commercials, *Production Techniques, Cable Television, Closed Circuit Television, Secondary Education, Advertising**Identifiers:** State, Proposal

An instructional unit for a distributive education program in the production of television commercials will be designed and implemented. After receiving basic instruction, a group of students will be hired to work with staff members to produce a set of demonstration commercials. Commercials produced by the students will be shown on the school's closed circuit system, and, if acceptable, will be used on the community's cable television system. As part of the pro-

ject's evaluation, records for a school store product sold prior to production of the commercial will be compared to records for the product sold after production and viewing of the commercial.

000548

New Jersey Industrial Arts Safety Guide.

Project Director: Kobylarz, Joseph D.

Organization: Garfield High School, 300 Palisade Avenue, Garfield, NJ 07026

Telephone: (201) 478-3577

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDG 836

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,515

Descriptors: *Industrial Arts, *Safety Education, *Instructional Materials, *Guides

Identifiers: State, Proposal

An industrial arts program safety education guide for statewide use will be produced to alert industrial arts teachers, school administrators, and industrial arts supervisors to the importance of a strong safety program and to provide the industrial resources necessary to institute safety instruction in the public schools. Topics to be covered include responsibilities of teachers and administrators, emergency action procedures, safety instructional techniques, and teacher liability in school shop accidents.

000260

Videotape Career Project.

Project Director: Teague, Richard

Organization: Hillsborough Township Board of Education, Hillsborough High School, Homestead Road, RD 1, Belle Mead, NJ 08502

Telephone: (201) 874-4200

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDG 840

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,126

Descriptors: *Videotape Recordings, *Career Education, *School Community Relationship, *Student Projects

Identifiers: State, Proposal

Students will be provided with an up-to-date view of current industrial and business situations, procedures, and job opportunities through onsite videotapes of local businesses and industries and in-school videotapes of interviews and demonstrations by local artisans, craftsmen, and industrial and business personnel. A student videotaping crew will be trained and supervised. The tapes produced (about twenty-five) will be promoted by library staff for use in career education projects. New tapes will be created as new fields are developed, and videotapes can be revised and updated as jobs and occupational fields change.

000549

Education for Parenthood with Child Care Careers and Child Development Learning Laboratory Components.

Project Director: Donahay, Ellen T.

Organization: Edison Township Schools, 2825 Woodbridge Road, Edison, NJ 08817

Telephone: (201) 548-3184

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDG 844

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,953

Descriptors: *Parent Education, *Curriculum Guides, *Child Development Centers, Instructional Materials, Child Care Occupations, Secondary Education

Identifiers: State, Proposal

The present guide for a one-semester course in parenting education will be expanded to a full-year course to include the study of children through age thirteen instead of age five; integrate materials on sex-role stereotyping as it relates to the parenting process; and include a unit on careers related to child care. A guide for operating a child development laboratory which will include organization, scheduling, sug-

gested activities, observation techniques, and parent involvement also will be produced. The parenthood education guide will be field tested and evaluated.

000259

Math PAC.

Project Director: Millard, John A. Sr

Organization: Salem County Board for Vocational Education, RD 2, Box 350, Woodstown, NJ 08098

Telephone: (609) 769-0101

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDG 848

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$12,583

Descriptors: *Autoinstructional Aids, *Remedial Mathematics, *Practical Mathematics, *Secondary School Mathematics, Mathematics Curriculum, Mathematics Materials, Secondary Education

Identifiers: State, Proposal

This curriculum development project will further develop, field test, refine, and disseminate a self-paced occupational math program package, related to the skills necessary for success on the job. A math consultant and editor will compile an existing remedial math program which includes math skills in transportation, health, building trades, mechanics, and personal services. The program includes a teacher management section for beginning, developing, and assessing occupational math as taught in a secondary shared-time vocational schools. The materials will be field tested, modified, and disseminated through a statewide workshop.

000258

Curriculum Development and Dissemination Project.

Project Director: Frobose, Denise

Organization: Rutgers, The State University, Building 4103, Kilmer Campus, New Brunswick, NJ 08903

Telephone: (201) 932-3845

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80 133 SCDG 852

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$32,090

Descriptors: *Information Networks, *Regional Programs, *Resource Centers, *Information Dissemination, *Curriculum Study Centers, Program Coordination

Identifiers: *National Network for Curriculum Coordination, State, Proposal

This project will use the resources of the National Network for curriculum Coordination on behalf of New Jersey to ensure that the state will benefit from its experience as a regional vocational curriculum coordination center in the network system. The network staff will assemble resources and provide information services for New Jersey curriculum development projects; assist the occupational resource center, local education agencies, and others with curriculum-related inquiries and services; assist with curriculum development project supervision and monitoring; conduct field testing and evaluation programs; and assist with curriculum editing and publication.

NEW YORK

Research (Sec. 131)

000120

Systematic Tests of Occupational Programs.**Project Director:** Pearlmutter, Deborah E.**Organization:** New York City Board of Education, Center for Career and Occupational Education, 131 Livingston Street, Brooklyn, NY 11201**Telephone:** (212) 522-5122**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 79-3A-901**Funding Period:** Start Date 01 Oct 79; End Date 31 Jan 80**Fiscal Year Funding:** \$57,105 (Charged to FY 1979)**Descriptors:** *Job Skills, *Occupational Surveys, *Program Evaluation, *Graduate Surveys, Followup Studies, Success, Program Planning, Auto Mechanics**Identifiers:** State, Proposal

Recommendations for program planning, research, and evaluation in placement follow-up studies will be developed from data collected to reassess the competencies and assess the job retention of those employed in fields related to occupational training. Staff will determine if a relationship exists between performance of students enrolled in automotive training and their performance eighteen months after graduation.

000551

Showcase on Excellence: Postsecondary Research and Development Projects.**Project Director:** Winter, Gene**Organization:** State University of New York, Two-Year College Development Center, 1400 Washington Avenue, Albany, NY 12222**Telephone:** (218) 455-6271**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3A-966**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$45,083**Descriptors:** *Postsecondary Education, *Information Dissemination, *Educational Innovation, *Adoption Ideas, *Teaching Methods, *Research Utilization, Problem Solving**Identifiers:** State, Proposal

To develop and implement a low-cost system to enhance dissemination and diffusion of grant-developed solutions for application to current problems and issues, exemplary local postsecondary occupational education project outcomes, products, and innovative procedures will be identified for broader dissemination, adoption, and application. A strategy for increased sharing of identified project outcomes among local college staff will be developed and implemented, and a system to support local adoption/adaption of selected project results will be designed. A statewide project advisory panel representing institutions and constituencies in postsecondary occupational education will be formed. A classification system and evaluative criteria will be developed to categorize current needs, issues, and problems that can be linked with federal project efforts. Those project outcomes judged most effective will be showcased in a statewide conference in the fall of 1980.

000553

Needs of Adult Re-entry Students: Statewide Dissemination—Phase 3.**Project Director:** Mangano, Joseph A.**Organization:** State University of New York, Two-Year College**Development Center, 440 Washington Avenue, Milne 229, Albany, NY 12222****Sponsoring Agency:** QXP62775**Contract/Control No.:** 80-3A-970**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$52,318**Descriptors:** *Information Dissemination, *Adult Students, *Research Utilization, *Nontraditional Students, *Program Development, State Colleges, Data Collection, Educational Resources, Technical Assistance, Educational Needs, Workshops, Staff Development**Identifiers:** State, Proposal

In the third year of this project, staff will (1) develop a data dissemination packet to provide research findings and processes from phases 1 and 2 to all New York two-year colleges, (2) obtain a commitment from these colleges to replicate phases 1 and 2, (3) sensitize decision makers to develop a higher level of awareness of the perceived needs of re-entry adult students, (4) provide technical assistance to facilitate implementations, and (5) collect data from participating institutions to assess project impact. Five one-day regional meetings will be held to introduce interested institutions to the dissemination packet. Project staff will provide ongoing support and technical assistance to participating colleges.

000255

Managing Student Learning: Instructional Support System for Occupational Education (ISSOE) Student Planning and Reporting System - Phase 1.**Project Director:** Dunn, James A.**Organization:** Cornell University, Department of Education, Institute for Occupational Education, 209 Stone Hall, Ithaca, NY 14853**Telephone:** (607) 256-6515**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3A-111405**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$58,875**Descriptors:** *Field Studies, *Student Records, *Program Development, Data Processing, Manuals, Information Dissemination, Occupational Information**Identifiers:** State, Proposal

Project staff will field test the adaptability of the ISSOE student planning and reporting system to different local needs and with different data processing procedures. Activities will be coordinated with Onondaga-Madison Bureau of Cooperative Educational Services to ensure compatibility of the system with the OERS data processing capability. A handbook for implementing the system will be prepared. Information will be disseminated through meetings, conferences, and presentations with regional coordinators, area facilitators, state education department staff, and other personnel. Additional lists of competencies necessary for other entry-level jobs will be developed to prepare for expanding the reporting system. Project staff will meet periodically with statewide ISSOE advisory and executive committees. User's guides, manuals, reporting formats, report forms, a technical report, and a final report will be delivered.

000121

Instructional Support System for Occupational Education (ISSOE) Instructional Planning.**Project Director:** Dunn, James A.**Organization:** Cornell Institute for Occupational Education, Department of Education, Stone Hall, Ithaca, NY 14853**Sponsoring Agency:** New York State Education Department, Albany

Fiscal Year Funding: \$35,000

Descriptors: *School Holding Power, *Predictor Variables, *Attrition Research Studies, Two Year Colleges, Postsecondary Education, Data Bases

Identifiers: State, Proposal

Statewide, sectionwide, and institutional data will be collected and analyzed for use in occupational planning, evaluation, and policy development. Factors affecting student continuance in or completion of postsecondary occupational education programs will be identified and assessed and a relevant information base provided on attrition and retention for the effective allocation of vocational education funds. About 1,800 copies of the study will be sent to admissions counselors, deans, and department heads at two-year postsecondary institutions; secondary school guidance counselors; and selected higher education personnel at the state education department.

000253

Technical Proposal for the Methods of Administration Development.

Project Director: Boesdorfer, Kent

Organization: Organizational Leadership, Inc, 99 Washington Avenue, TT 2201, Albany, NY 12230

Telephone: 465-1233

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1154

Funding Period: Start Date 01 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$145,232

Descriptors: *Compliance Legal, *Federal Regulation, *Civil rights Legislation, *Inservice Education, *Administrator Guides, *Technical Assistance, *Management Development

Identifiers: State, Proposal

A data system to deliver accessible and interpretable information on compliance with federal civil rights standards, compliance criteria, and technical assistance procedures and materials for use by agency staff will be developed. Staff will receive intensive inservice training in the use of compliance and technical assistance materials. A handbook of an administration plan, compliance manuals, a compendium of federal legislation, and a set of state commissioner's regulations on civil rights in vocational education will be developed and disseminated.

000268

National Occupational Competency Testing Institute (NOCTI) Competency Examinations—Postsecondary Testing.

Project Director: Olive, Thomas

Organization: National Occupational Competency Testing Institute, 45 Colvin Avenue, Albany, NY 12206

Telephone: 482-8864

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1162 CT

Funding Period: Start Date 01 Jan 80; End Date 31 Dec 80

Fiscal Year Funding: \$20,000

Descriptors: *Competency Based Education, *Test Construction, *Criterion Referenced Tests, Postsecondary Education, Secondary Education

Identifiers: State, Proposal

A plan for pilot testing occupational competency tests will be developed and implemented, and new occupational competency tests will be developed and pilot tested for at least six occupations in secondary and postsecondary programs. Ten cognitive and performance student proficiency examinations will be ready for distribution to selected schools at the end of the first year. A handbook for test development will be prepared.

000269

Impact of Vocational Education—Phase 2.

Project Director: Dunn, James A.

Organization: Cornell University, Institute for Research and Development in Occupational Education, Stone Hall, Ithaca, NY 14853

Contract/Control No.: 80-3A-1115-GS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$38,548

Descriptors: *Media Selection, *Instructional Materials, *Resource Guides, *Teacher Workshops, *Information Retrieval, Teaching Methods, Models, Teaching Guides, Vocational Education Teachers, Information Seeking

Identifiers: State, Proposal

Fifty occupational education instructors will assist in developing a model of educational product information acquisition using major sources of research, development, and evaluation of instructional processes and in developing and field testing a model of teacher-initiated, information-seeking behavior. A form will be developed and pilot tested for teachers to use in summarizing and evaluating various instructional methods used in the Instructional Support System for Occupational Education program. Workshops will be held to train teachers in materials evaluation; follow-up workshops will be held to revise the model and accommodate local needs. In addition to the instructional materials evaluation form, 150 copies of a teacher's guide on choosing instructional materials will be prepared; fifty copies of resource guides containing information on teacher-identified curriculum products, and teaching strategies will be compiled.

000254

Collection, Analysis, and Dissemination of Employment Demand Data for Agriculture/Agribusiness in New York State.

Project Director: Berkey, Arthur L.

Organization: Cornell University, Department of Education, Institute for Occupational Education, 209 Stone Hall, Ithaca, NY 14853

Telephone: (607) 256-2197

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1144GS

Funding Period: Start Date 01 Jan 80; End Date 31 Dec 80

Fiscal Year Funding: \$62,740

Descriptors: *Agricultural Occupations, *Agribusiness, *Manpower Needs, *Employment Projections, *Occupational Information, Data Collection

Identifiers: State, Proposal, Emerging Occupations

Information on current and projected employment demand in agriculture/agribusiness will be compiled and integrated into a statewide comprehensive demand and supply system to provide a basis for program and curriculum planning and revision. A preliminary listing of current agriculture/agribusiness occupations will be compiled with emphasis on occupations requiring occupational preparation at the secondary, postsecondary, and adult levels. Cross-coding systems for employment data will be reviewed and a preliminary system developed for periodic updating of employment demand data. Data then will be collected on current and projected labor market demand for qualified workers in existing and emerging occupations related to agriculture/agribusiness. These data will be disseminated to project advisory committee members, state education department, state department of labor, state occupational information coordinating committee members, state advisory council on vocational technical education, state regional planners for occupational education, state department of commerce, and state department of agriculture and markets.

000313

Study of Student Attrition and Retention in Occupational Education Programs at Two-Year Public and Independent Postsecondary Degree-Granting Institutions in New York State.

Project Director: Cooper, Lorin

Organization: New York State Education Department, Bureau of Occupational Education Research, Albany, NY 12234

Telephone: (518) 474-6386

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: BOER 80-1-PS

Funding Period: Start Date 01 Jun 79; End Date 30 Sep 80

Contract/Control No.: 80-3A-1117GS

Funding Period: Start Date 01 Apr 80; End Date 13 Jun 81

Fiscal Year Funding: \$44,914

Descriptors: *Sex Stereotypes, *Nontraditional Occupation, *Career Education, *Career Counseling, *Enrollment, Audiovisual Instruction, Secondary Education, Program Evaluation

Identifier: State, Proposal

Materials and techniques to reduce sex-role stereotyping in occupational education will be assembled and organized and the short-run efficiency of these programs in specific settings assessed to increase cross-sex enrollment in secondary trade and industrial programs. Eighth- and tenth-grade students and their parents will become aware of job opportunities, attitudes toward changing roles, and sex equity to expand their views of occupational possibilities in nontraditional programs. Film strips, movies, and discussion modules will be developed for use with student and parent groups. Discussions and counseling also will be used. Comparisons will be made between present participants and previous subjects, between individual understanding before and after the "treatments," between the group surveyed and other comparable students not being "treated," and between students' and parents' responses. Results will be disseminated through newsletters, conferences, professional meetings, and ERIC.

001674

Instructional Support System for Occupational Education (ISSOE): Automated ISSOE Student Reporting Subsystem.

Project Director: Mikus, Paul

Organization: Onondaga-Madison Board of Cooperative Educational Services, 682 Thompson Road, Syracuse, NY 13211

Telephone: (315) 487-8711

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: CO 79-3A-1044GS

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 80

Fiscal Year Funding: \$50,620

Descriptors: *Student Records, *Data Collection, *Computer Programs, *Data Processing

Identifier: State, Proposal

An automated student reporting system will be developed to facilitate the use of ISSOE by large numbers of users. Assistance and a monitoring resource will be provided to modify the manual reporting system. A computerized data base of students, programs, and ISSOE data elements which can be maintained, updated, and reported programatically will be created. A final report will be delivered.

001675

Postsecondary Comprehensive Employment and Training Act (CETA), Adult, and Private Occupational Education Planning.

Project Director: Friedman, Howard

Organization: New York City Board of Education, 110 Livingston Street, Brooklyn, NY 11201

Telephone: (212) 396-4061

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-241

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$50,000

Descriptors: *Regional Planning, *Career Education, *Agency Cooperation, *Coordination, *Articulation Education, Postsecondary Education, Adult Education

Identifier: State, Proposal

A comprehensive plan for career and occupational education will be developed to strengthen coordinated planning among various educational sectors and articulation planning among various institutions offering postsecondary occupational education in region 2.

001676

Region 8 Occupational Education Planning.

Project Director: Kruger, Selden

Organization: SUNY Agricultural and Technical Education, Bush

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-169GS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$59,927

Descriptors: *Student Attitudes, *State Surveys, *Attitude Measures, *Educational Benefits, *Affective Objectives

Identifier: State, Proposal

In phase 2 of this three-phase project, procedures and instruments for the statewide survey of affective outcomes in occupational education will be developed and pilot tested. Items for the questionnaire and interviews will be developed based on hypotheses generated in phase 1. About fifty seniors in occupational education and fifty in feeder or home schools will be surveyed in each of nine sites. A final report will be delivered.

000552

Regional Occupational Education Planning.

Project Director: Crocoll, William

Organization: Erie-Cattaraugus Board of Cooperative Educational Services 2, 4071 Hardt Road, Eden, NY 14057

Telephone: (716) 992-3413

Sponsoring Agency: New Jersey State Dept. of Education, Trenton

Contract/Control No.: 80-3A-99GS

Funding Period: Start Date 01 Sep 79; End Date 01 Sep 80

Fiscal Year Funding: \$49,999

Descriptors: *Regional Planning, *Agency Cooperation, *Cooperative Planning, *Articulation Education, *Educational Planning, Public Relations, Secondary Education, Adult education, Two Year Colleges, Postsecondary Education

Identifier: State, Proposal

An occupational education plan will be updated and refined, and implementation will be coordinated and monitored through consultant and technical services. Interagency planning and regionwide occupational education public information activities will be coordinated. Curriculum and materials production, data gathering, reporting, and planning application will be carried out in an articulated and coordinated procedure designed to eliminate duplication at the secondary and adult levels, and at two-year colleges. A career planning guide will be evaluated, republished, and disseminated principally in western New York.

000554

Region 11 Occupational Education Planning.

Project Director: Cohn, Anne

Organization: Corning Community College, Off-Campus Center, Corning, NY 14830

Telephone: (607) 962-9415

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1106GPS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$48,971

Descriptors: *Regional Planning, *Educational Planning, *Agency Cooperation, Regional Programs, Postsecondary Education

Identifier: State, Proposal

Regional occupational education plans will be coordinated, monitored, and updated to increase the quality, efficiency, and effectiveness of regional planning. Planning services to local agencies will be increased, regional data compiled, plans and priorities established, and technical assistance provided. Project staff will collaborate with other agencies.

000555

Development of and Training in Methods to Overcome Sex-Role Stereotyping in Enrollment.

Project Director: Lewis, Gwendolyn

Organization: Cornell University, Cornell Institute for Occupational Education, Stone Hall, Ithaca, NY 14853

Telephone: (607) 256-6514

Sponsoring Agency: New York State Education Department, Albany

Hall, Delhi, NY 13753
 Telephone: (607) 746-4171
 Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1104-GS
 Funding Period: Start Date 01 Sep 79; End Date 31 Aug 80
 Fiscal Year Funding: \$49,355
 Descriptors: *Regional Planning, *Long Range Planning, *Agency Cooperation, *Data Collection, Information Dissemination
 Identifiers: State, Proposal

Assistance for developing regional five-year plans will be coordinated; improved lines of communication will be developed among regional planning and related programs and CETA, Appalachian Regional Commission, US Department of Labor, and other groups and agencies; and regional planning will be organized and managed. Data relevant to the region and planning will be gathered, studied, and distributed to vocational education groups in the region.

001677

Instructional Support System for Occupational Education (ISSOE) Dissemination—Phase 3.

Project Director: Dunn, James A.
 Organization: Cornell Institute for Occupational Education, Department of Education, Stone Hall, Ithaca, NY 14853
 Telephone: (607) 256-6515
 Sponsoring Agency: QXP62775
 Contract/Control No.: 80-3A-1113GS
 Funding Period: Start Date 01 Apr 80; End Date 31 Mar 81
 Fiscal Year Funding: \$38,834
 Descriptors: *Competency Based Education, *Information Dissemination, *Program Implementation, *Problem Solving, Secondary Education
 Identifiers: State, Proposal

Teachers and administrators will rank the significance of problems and concerns associated with implementing competency-based vocational education locally and with evaluating previously used literature. They also will rank the measures proposed to deal with the problems. Reports on project activities will be disseminated and articulated with other ISSOE-related projects in the state.

001678

Region 4 Regional Planning.

Project Director: Kearns, Donald C.
 Organization: Hamilton-Fulton-Montgomery Board of Cooperative Educational Services, School 4, Spring Street, Saratoga Springs, NY 12866
 Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1131GS
 Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
 Fiscal Year Funding: \$48,089
 Descriptors: *Consortia, *Agency Cooperation, *Cooperative Planning, *Regional Planning, *Educational Planning, Information Dissemination, School Business Relationship
 Identifiers: State, Proposal

Written communication between the region and other agencies and businesses will be established; consortium agencies will cooperatively plan to minimize duplication of effort; a regional planning center housing information necessary to assist the consortium will be developed; articles of governance, organization, and procedures will be prepared; and a priority statement will be developed by the consortium. Strategies for optimum use of regional funding allocations will be developed. Newsletters, brochures, workshops, and meetings will be used to disseminate information.

001679

Region 5 Occupational Education Planning.

Project Director: Huntington, Edward F.
 Organization: Washington-Warren-Hamilton-Essex Board of Cooperative Educational Services, Washington County Building Annex, Hudson Falls, NY 12839
 Sponsoring Agency: QXP62775

Contract/Control No.: 80-3A-1107GS
 Funding Period: Start Date 15 Sep 79; End Date 1 Apr 80
 Fiscal Year Funding: \$49,969
 Descriptors: *Management Systems, *Educational Planning, *Employment Statistics, *Educational Strategies, *Information Dissemination, *Regional Planning, Secondary Education, Postsecondary Education, Adult Education, Labor Market
 Identifiers: State, Proposal

Procedures for a sound planning management system will be further developed, refined, and implemented. Communication, joint planning, and implementation of objectives and activities among advisory councils, middle management personnel, and policy makers on a subregional and regional basis will be promoted. Planning procedures and capabilities in the educational institutions in the region will be improved. Information that will provide national, state, regional and subregional data to all educational institutions in the region will be developed. The regional occupational education executive committee will formulate a regional priorities statement for secondary, post-secondary, and adult programs and populations to be served. Regional planning coordinators and personnel from the state departments of education and labor will develop a means of accurately charting labor market trends in nonstandard metropolitan statistical areas. New educational strategies will be developed and disseminated to teachers, program administrators, and regional planners in the region.

001680

Instructional Support System for Occupational Education (ISSOE).

Project Director: Hollwedel, Edgar J.
 Organization: Rochester City School District, 13 South Fitzhugh Street, Rochester, NY 14614
 Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-46GS
 Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
 Fiscal Year Funding: \$67,956
 Descriptors: *Information Dissemination, *Instructional Materials, *Competency Based Education, *Instructional Systems, *Management Systems, Curriculum Development, Secondary Education, Inservice Teacher Education, Student Records, Disadvantaged Youth, Disabilities, Minority Groups
 Identifiers: State, Proposal

Region 10 curriculum will be developed at Mohawk Valley Community College. ISSOE in-service training for teachers will be organized in cooperation with the State University at Buffalo. Teacher participation in the ISSOE process will be expanded in automotive mechanics, food services, building industry trades, office practice, conservation, carpentry, and general merchandizing-retailing; electronics and health assisting will be introduced to the region. Vocational-Technical Education Consortium of States curriculum guides will be adapted throughout the ISSOE system. The ISSOE management system will be expanded in all secondary component schools and Board of Cooperative Educational Service (BOCES) centers; ISSOE progress will be disseminated to regional coordinators, teaching staff, BOCES administration, state department of education, component school administration, industry-business participants, and postsecondary institutions. Project staff will assist in the development of the student reporting system and train curriculum team leaders in the project concept and management and direct them toward adapting entry-level modules for minority, disadvantaged, and handicapped students. Monthly progress reports will be prepared.

001681

Regional Planning Coordination for Nassau-Suffolk Occupational Education.

Project Director: Wolff, Frank J.
 Organization: Nassau Board of Cooperative Educational Services, Valentines and The Plain Road, Westbury, NY 11590
 Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1103GS
 Funding Period: Start Date 01 Sep 79; End Date 31 Aug 80

Fiscal Year Funding: \$50,000

Descriptors: *Regional Planning, *Long Range Planning, *Agency Cooperation, *Educational Planning, *Cooperative Planning

Identifiers: State, Proposal

The regional five-year occupational education plan will be updated, refined, and implementation monitored; agency roles at all levels of occupational education identified; and the secretariat for the regional executive, planning, and advisory committees provided. The plan will provide liaison between state and regional planning activities, and regional occupation education planning will be coordinated.

001682

Regional Occupational Education Planning

Project Director: Sutter, John F.

Organization: St Lawrence-Lewis Board of Cooperative Educational Services, Outer State Street, Canton, NY 13617

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1108GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$42,970

Descriptors: *Regional Planning, *Long Range Planning, *Labor Supply, *Educational Planning, *Agency Cooperation, *Cooperative Planning, Data Analysis, Information Dissemination, Secondary Education, Postsecondary Education, Adult Education

Identifiers: State, Proposal

Regional occupational education program development will be coordinated and monitored. Progress toward the regional five-year goals will be monitored and evaluated, and accurate regional labor supply and demand information will be maintained. Project staff will interact with the division of occupational planning and state education department and serve as executive secretary to the executive and functional planning committees. A survey instrument will be developed; data will be researched, collected, and analyzed. The labor supply and demand model will be updated in accordance with placement information, current US Department of Labor information, and individual surveys as developed and identified. Data on the regional needs of people at the secondary, postsecondary, and adult levels will be disseminated to the executive committee.

001683

Report on the Status of Women and Men Students and Employers in Vocational Education Programs in New York State

Project Director: King, Dorothy H.

Organization: Bureau of Occupational Education Research, State Education Department, Room 468, EBA, Albany, NY 12234

Telephone: (518) 474-6386

Sponsoring Agency: QXP62775

Contract/Control No.: BOER 80-4

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$15,000

Descriptors: *Sex Fairness, *Federal Regulations, *Enrollment, Information Dissemination, Secondary Education, Postsecondary Education, Adult Education, Data Analysis

Identifiers: State, Proposal

A report will be prepared to provide occupational education data as required by the Vocational Education Act sex equity rules and regulations; to provide data on professional and support staff positions, by sex of incumbents, in state public schools, special schools, and the state education department; and to disseminate this information to concerned persons and the public. Data on occupational education enrollment at secondary, postsecondary, and adult levels will be extracted from existing sources for 1976-77 through 1978-79.

001684

Regional Occupational Education Planning Coordinator

Project Director: MacLane, David A.

Organization: Herkimer County Board of Cooperative Educational Services, Gros Boulevard, East Herkimer, NY 13350

Telephone: (315) 866-6040

Sponsoring Agency: QXP62775

Contract/Control No.: 80-3A-552GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,393

Descriptors: *Regional Planning, *Long Range Planning, *Agency Cooperation, *Resource Materials, *Educational Planning, *Cooperative Planning, Data Analysis

Identifiers: State, Proposal

A regional five-year plan will be continued, maintained, developed, implemented, and assessed. Development of agency plans will be coordinated. Liaison for interagency cooperation and planning will be maintained among groups including CETA administrators, community-based services, state department of labor, state division of youth, and sheltered workshops. Project staff will maintain an update a resource collection of documents related to planning information and techniques; review; analyze, and synthesize existing data and planning documents to assist local agencies; and effect group agreement on specific activities designed to facilitate solutions to identified problems. Monthly and final reports will be delivered.

001685

Critical Characteristics of Incoming City University of New York (CUNY) Community College Freshmen

Project Director: Heller, Barbara

Organization: CASE Institute, City University of New York, 33 West 42nd Street, New York, NY 10036

Telephone: (212) 221-3519

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-1037GPS

Funding Period: Start Date 01 Sep 79; End Date 31 Aug 80

Fiscal Year Funding: \$58,116

Descriptors: *Community Colleges, *Records Forms, *Student Recruitment, *Predictor Variables, *School Registration, *Enrollment Influences

Identifiers: State, Proposal

Factors leading to students' choice of a community college will be defined, factors correlated with enrollment and nonenrollment in career programs will be defined, and predictors of who among CUNY community college project allocants are most likely to register for classes will be determined. A random sample of 7,000 subjects will be drawn from fall of 1979 community college career allocants, and registration data of applications to CUNY will be examined to provide colleges with indicators of the characteristics of enrollees as a basis for program planning. Information about qualified applicants who do not enroll also will be provided. Products will include a set of predictors, a set of questions that can be added to a centralized application form, and a final report.

001686

Occupational Education Planning for Region 13

Project Director: Serio, Pam

Organization: Cattaraugus-Erie-Wyoming Board of Cooperative Educational Services, 124 Main Street, Little Valley, NY 14755

Telephone: (716) 372-3338

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3A-634GS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$49,441

Descriptors: *Labor Supply, *Data Collection, *Occupational Information, Technical Assistance

Identifiers: State, Proposal

One or more reports will be prepared to provide local education agencies with updated regional or local information on labor needs and present employment for selected occupational education areas. Technical assistance with state or federal proposals will be provided to local agencies requesting it. Communication within the region will be facilitated by a regional brochure for business, newsletters, or seminars. A model to improve data gathering will be established to give occupational directors access to information about local business needs. A final report will be delivered.

001687

Mid-Hudson Executive Planning Council for Region 3.**Project Director:** Bothwell, Bruce**Organization:** Putnam-Westchester Board of Cooperative Educational Services, Yorktown Heights, NY 10593**Telephone:** (914) 245-2700**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3A-1128GS**Funding Period:** Start Date 01 Oct 79; End Date 01 Oct 80**Fiscal Year Funding:** \$49,999**Descriptors:** *Instructional Systems, *School Business Relationship, *On the Job Training, *Regional Planning, Articulation Education, Agency Cooperation, Mainstreaming, Retraining, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

Industry and commerce will be assisted in training and retraining of skilled employees, existing courses and programs will be upgraded and improved, new industries requiring employees with special skills will be identified, and programs will be redesigned as necessary to be more compatible with employment opportunities. Programs for mainstreaming handicapped, disadvantaged, and LESA students will be designed. Communication and articulation with secondary and postsecondary institutions, CETA prime sponsors, and adult and continuing education programs will be maintained. Support services will be provided to ISSOE coordinators. The council will carry out a regional study before designing programs and implementing programs. A final report will be delivered.

Exemplary and Innovative (Sec. 132)**001688****Insurance Office Simulation Model for the Business Program Project INVEST (Continuation).****Project Director:** Cardillo, Rocco C.**Organization:** Yonkers Public Schools, 145 Palmer Road, Yonkers, NY 10701**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3B-615GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$8,930**Descriptors:** *Simulation, *Office Occupations Education, *Insurance Occupations, Entry Workers, Job Placement, Secondary Education**Identifiers:** State, Proposal

Students from nonprofit private schools may enroll in this model business program for training in insurance office work (project INVEST was developed by insurance agents). Eighty percent of the students will develop entry-level skills using a transcribing machine and typewriter, type mailable copies of insurance forms, correctly calculate policy insurance rates, and describe the interdependence of job roles in an insurance office. Individual pre- and posttests will be administered, and names of students will be given to the placement and follow-up specialist. Seventy percent of the students will obtain employment in the same or related field or continue their education upon completion of the program.

Curriculum Development (Sec. 133)**000256****Instructional Support System for Occupational Education (ISSOE).****Project Director:** Bauer, Myrtle R.**Organization:** Jefferson-Lewis Board of Cooperative Educational Services, Arsenal Street, Watertown, NY 13061**Telephone:** (315) 788-3410**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-286GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$30,050**Descriptors:** *Learning Modules, *Technical Assistance, *Teacher Developed Materials, *Competency Based Education, Occupational Information, School Business Relationship, Student Records**Identifiers:** State, Proposal

Teachers will prepare occupational modules which will be validated by business and industry representatives, and a regional management system for classroom instruction improvement will be developed and implemented. A student competency file will be established for individuals enrolled in occupational education programs. In addition, assistance will be provided for the adaptation or adoption of relevant, management-oriented materials within the ISSOE. Regional meetings to review, critique, revise, and validate materials will be held for teachers developing each subject area.

000282**Agricultural Education Curriculum Materials Development (Continuation).****Project Director:** Foster, Daryle E.**Organization:** Cornell University, Instructional Materials Service, 3 Stone Hall, Ithaca, NY 14853**Telephone:** (607) 256-3002**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-200 GS**Funding Period:** Start Date 01 Oct 79; End Date 30 Sep 80**Fiscal Year Funding:** \$38,474**Descriptors:** *Instructional Materials, *Agricultural Education, *Sex Fairness, *Job Skills**Identifiers:** State, Proposal

Agriculture teachers' highest priority needs for instructional materials will be identified. A minimum of ten sex fair instructional materials to teach competencies which students need for employment will be developed, field tested, evaluated, and disseminated. A model which indicates how this project fits in with the Instructional Support System for Occupational Education (ISSOE) will be developed.

000556**Instructional Support System for Occupational Education (ISSOE) for Region 12.****Project Director:** Dyl, Kenneth J.**Organization:** Erie Board of Cooperative Educational Services 1, Planning Division, 2 Pleasant Avenue, West, Lancaster, NY 14086**Telephone:** (716) 686-7072**Sponsoring Agency:** New Jersey State Dept. of Education, Trenton**Contract/Control No.:** 80-3C-623GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,678**Descriptors:** *Teacher Developed Materials, *Learning Modules, *Regional Planning, *Information Dissemination, *Instructional Systems, *Learning Modules, Management Systems, Articulation Education, Behavioral Objectives, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

Teacher-produced occupational instruction modules, validated by industry will be prepared for individualized instruction or for large or small groups. A management system using modules to improve classroom instruction will be developed and a student competency file established. Staff will assist in adapting other relevant management-oriented materials, and participation of teachers in ISSOE throughout Region 12 will be increased. A regional delivery plan to introduce ISSOE to districts will be organized, and statewide instructional support systems will be articulated with postsecondary institutions.

000228**Instruction Support System for Occupational Education (ISSOE) Area Facilitator.****Project Director:** Boruni, John**Organization:** New York Institute of Technology, Wheatley Road, Old Westbury, NY 11568

Telephone: (516) 686-7635

Sponsoring Agency: QXP62775

Contract/Control No.: 80-3C-688GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$56,268

Descriptors: *Inservice Teacher Education, *Resource Centers, *Competency Based Education, *Educational Resources, *Instructional Materials, Vocational Education Teachers, Teacher Educators, Community Colleges, Information Dissemination

Identifiers: State, Proposal, Vocational Technical Education Consortium States

Project staff will work cooperatively with the state education department, teacher education colleges, and research and development units to develop ISSOE/V-TECS (Vocational Technical Education Consortium of States) occupational education programs. ISSOE/V-TECS teachers in six regions will receive in-service education. A resource center on competency-based education and ISSOE/V-TECS will be established to serve the following constituencies in the first region: ISSOE/V-TECS and other occupational education teachers, teacher educators of occupational education, and community college occupational education teachers. Instructional materials to support workshop programs will be prepared, and resources on competency-based education will be compiled and made available at the resource center.

000227

Instructional Support System for Occupational Education (ISSOE) Coordinator.

Project Director: Neureuther, Leonard

Organization: Buffalo City School District, 716 City Hall, Buffalo, NY 14202

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-1119GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,600

Descriptors: *Teacher Developed Materials, *Learning Modules, *Management Systems, *Information Dissemination, *Competency Based Education, Instructional Materials, Articulation Education, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Teacher-generated occupational instructional modules will be prepared, and a management system to use the modules will be developed and implemented. A student competency file will be established. Staff will assist in adapting other relevant management-oriented materials. Buffalo teachers' participation in ISSOE will be increased. A city delivery plan to introduce ISSOE to the schools will be organized. Development and use of the statewide ISSOE will be articulated with postsecondary institutions. The modular curriculum will be used for large or small groups or for individualized instruction.

001685

Instructional Support System for Occupational Education (ISSOE): Student Reporting System for Employers.

Project Director: Dennis, George

Organization: Schuyler-Chemung-Tioga Board of Cooperative Educational Services, 431 Philo Road, Elmira, NY 14903

Telephone: (607) 733-3581

Sponsoring Agency: QXP62775

Contract/Control No.: 80-3C-1093GS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$40,350

Descriptors: *Competency Based Education, *Learning Modules, *Instructional Improvement, *Management Development, Student Records, Profiles, Course Description, Secondary Education

Identifiers: State, Proposal

Teachers will develop competency-based instructional modules and evaluation devices, and administrators will be trained to administer teacher use of the materials. A system to improve classroom instruction using the modules, competency-based business and industry

course outlines, and student profile sheets validated by business and industry also will be developed. A competency reporting system for occupational education students will be established, and teachers will be assisted in adapting other competency-based materials.

001690

Interpersonal Skill Training to Facilitate the Employment of Handicapped Students: A Manual.

Project Director: Flugman, Bert

Organization: CASE Institute, City University of New York, 33 West 42nd Street, Room 1430, New York, NY 10036

Telephone: (212) 221-3895

Sponsoring Agency: QXP62775

Contract/Control No.: 80-3C-162HPS

Funding Period: Start Date 01 Sep 79; End Date 31 Aug 80

Fiscal Year Funding: \$49,133

Descriptors: *Guides, *Student Personnel Workers, *Inservice Education, *Interpersonal Competence, *Disabilities, *Training Methods, Two Year Colleges, Sequential Learning, State Surveys

Identifiers: State, Proposal

A manual for use by student personnel staff in training disabled students in higher-order interpersonal skills will be developed and field tested. A group of generic and employment-related interpersonal skills which are behaviorally identifiable, teachable, and of value for disabled students in two-year college training programs, job seeking, and on-the-job situations will be identified. A set of sequential, occupationally related training exercises which provide the context for practicing these skills will be developed, and training approaches and methods will be specified. Approaches to interpersonal skills training and vocational rehabilitation placement literature will be reviewed; handicapped students, community college coordinators for the handicapped, and industry representatives will be interviewed; and a statewide survey of disabled community college students and counselors will be completed. A final report will be delivered.

001691

Instructional Support System for Occupational Education (ISSOE) in New York City (Continuation).

Project Director: Friedman, Howard

Organization: New York City Board of Education, 110 Livingston Street, Brooklyn, NY 11201

Telephone: (212) 596-4061

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-242

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$186,954

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Supervisory Training, Adult Education, Curriculum Development, Secondary Education

Identifiers: State, Proposal

Three hundred ninety-five supervisors and teachers will be recruited and trained in the development, field testing, and validation of new and ongoing competency-based occupational education curriculum materials in the areas selected to meet local needs and approved by the state department of education. A final report will be delivered.

001692

Instructional Support System for Occupational Education (ISSOE)—Region 13.

Project Director: Serio, Pam

Organization: Cattaraugus-Erie-Wyoming Board of Cooperative Educational Services, PO Box 424B Windfall Road, Olean, NY

Telephone: (716) 372-3338

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-633GS

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$46,097

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Learning Modules, *Teacher Developed Materials, *Instructional Systems, *Instructional Development, Two Year Colleges, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A project will be continued to assist fifty-seven occupational teachers of the Board of Cooperative Educational Services, component schools, and two-year colleges in understanding, developing, and implementing a competency-based occupational instructional system. Teachers will volunteer to meet on noninstructional time to review and develop a competency-based modular instructional system. Teachers of related subject areas will meet together to share programs. Competencies defined for program areas will be validated by local business and industry representatives.

001693**Instructional Support System for Occupational Education (ISSOE).****Project Director:** Glenn, John W. Jr**Organization:** SUNY College of Technology at Utica/Rome, 811 Court Street, Utica, NY 13502**Telephone:** (315) 792-3400**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-323GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$55,360**Descriptors:** *Regional Planning, *Instructional Systems, *Resource Centers, *Clearinghouses, *Information Dissemination, *Instructional Materials, Communications**Identifiers:** State, Proposal

Advice and resources to regional coordinators will be provided, field visits and regional ISSOE sessions conducted, an ISSOE resource center and Vocational-Technical Education Consortium of States clearinghouse established, and liaison provided with the state department of education. Workshops will be planned and conducted in cooperation with regional coordinators to orient and train occupational education teachers. At least three statewide meetings for regional coordinators and other selected ISSOE staff will be planned and coordinated. A communications network within the area and among the area and other facilitating institutions and the state ISSOE office will be maintained through periodic meetings and reports.

001694**Instructional Support System for Occupational Education (ISSOE) (Continuation).****Project Director:** Buccolo, Lucretia R.**Organization:** Herkimer County Board of Cooperative Educational Services, Gros Boulevard, East Herkimer, NY 13350**Telephone:** (315) 866-6040**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-351GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$37,934**Descriptors:** *Teacher Developed Materials, *Instructional Systems, *Learning Modules, *Student Records, *Regional Planning, *Delivery Systems, Curriculum Development**Identifiers:** State, Proposal

Teacher-generated occupational modules will be developed, the Vocational-Technical Education Consortium of States catalog program will be integrated with ISSOE, and a teacher-diverted student reporting system and student competency file will be established. A regional delivery system will be planned; teachers for ISSOE recruited; and workshops scheduled, coordinated, and conducted to develop new curriculum and critique existing packages. A final report will be delivered.

001695**Instructional Support System for Occupational Education (ISSOE) (Continuation).****Project Director:** Reilly, Terence C.**Organization:** Oswego County Board of Cooperative Educational Services, PO Box 488, Mexico, NY 13114**Telephone:** (315) 963-7251**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-1074GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$52,273**Descriptors:** *Competency Based Education, *Postsecondary Education, *Instructional Materials, *Learning Modules, Evaluation Criteria, Entry Workers**Identifiers:** State, Proposal

Curriculum modules and related evaluation criteria for occupational programs, based on performance objectives directly related to competencies needed for entry-level employment, will be developed. Vocational-Technical Education Consortium of States curriculum materials will be adapted to the ISSOE format. Workshops for instructors will be coordinated to develop competency-based instructional modules and validate the identified competencies with employers. Monthly and final reports will be delivered.

001696**Instructional Support System for Occupational Education (ISSOE).****Project Director:** Sullivan, Arthur D.**Organization:** Suffolk County Board of Cooperative Educational Services 3, 507 Deer Park Road, Dix Hills, NY 11746**Telephone:** (516) 549-4900**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-198GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$55,468**Descriptors:** *Teacher Developed Materials, *Learning Modules, *Competency Based Education, *Instructional Materials**Identifiers:** State, Proposal

Teachers will participate in regional meetings to develop occupational instructional modules to be validated by industry for use in large and small group and individualized instruction. A management system using these modules will be developed and implemented and a student competency file established. Project staff will assist in adapting other relevant management-oriented materials such as those produced by the Vocational-Technical Education Consortium of States. A final report will be prepared.

001697**Instructional Support System for Occupational Education (ISSOE) (1979-80) (Continuation).****Project Director:** Clarke, Albert J.**Organization:** Saratoga/Washington County Board of Cooperative Educational Services, Henning Road, Saratoga Springs, NY 12866**Telephone:** (518) 587-7577**Sponsoring Agency:** New York State Education Department, Albany**Contract/Control No.:** 80-3C-548GS**Funding Period:** Start Date 01 Jul 79; End Date 30 Sep 80**Fiscal Year Funding:** \$45,700**Descriptors:** *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, *Instructional Systems, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

Through a series of regional meetings, teachers will review, critique, revise, and validate previously developed competency-based instructional materials. Validation will include classroom use, administrator infusion, consultation with business and industry, and determination of student readiness. A final report will be delivered.

001698**Area Instructional Support Services for Occupational Education (ISSOE) Facilitator for Regions 10, 11, 12 and 13 (Continuation).****Project Director:** Lahren, James A.**Organization:** State University College at Buffalo, 1300 Elmwood Avenue, Buffalo, NY 14222**Telephone:** (716) 878-4101**Sponsoring Agency:** New York State Education Department, Albany

Contract/Control No.: 80-3C-672GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$43,363

Descriptors: *Competency Based Education, *Instructional Systems, *Delivery Systems, *Instructional Materials, *Curriculum Study Centers, *Education Service Centers, Curriculum Development, Secondary Education, Postsecondary Education, Information Dissemination

Identifier: State, Proposal

Project staff will serve as a resource agent to the area's regional coordinators and to the state department of education in the development, implementation, and evaluation of ISSOE. Information and instruction on ISSOE and competency-based occupational education will be provided as needed. Procedures will include reviewing, recommending, and synthesizing Vocational-Technical Education Consortium of States (V-TECS) materials; establishing an area resource center to serve as a repository for ISSOE, V-TECS, VECS, and other educational materials; and developing a delivery system for assisting individuals to develop and use competency-based curriculum. A final report will be delivered.

001699

Instructional Support System for Occupational Education (ISSOE) (Continuation).

Project Director: McElhatten, James P.

Organization: Broome-Tioga Board of Cooperative Educational Services, Upper Glenwood Road, Binghamton, NY 13905

Telephone: (607) 729-9301

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-802GS

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$38,950

Descriptors: *Teacher Developed Materials, *Competency Based Education, *Instructional Materials, *Learning Modules, *Instructional Systems, *Secondary Education, Postsecondary Education

Identifier: State, Proposal

Teacher-generated occupational instructional modules validated by industry will be developed for large and small groups and individuals. A management system using modules to improve classroom instruction will be developed and implemented, and a student competency file established. Project staff will assist in adapting other relevant management-oriented materials such as those produced by the Vocational-Technical Education Consortium of States. A final report will be delivered.

001700

Instructional Support System for Occupational Education (ISSOE) (Continuation).

Project Director: Cardillo, Roscoe

Organization: Yonkers Public School, 145 Palmer Road, Yonkers, NY 10701

Telephone: (914) 963-4567

Sponsoring Agency: New York State Education Department, Albany

Contract/Control No.: 80-3C-833GS

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$60,502

Descriptors: *Teacher Developed Materials, *Instructional Materials, *Competency Based Education, *Learning Modules, *Instructional Systems, Secondary Education, Postsecondary Education

Identifier: State, Proposal

Teachers will be assisted in generating occupational instructional modules validated through classroom use and by industry and in adapting other relevant management-oriented materials such as those produced by the Vocational-Technical Education Consortium of States. A management system using modules to improve classroom instruction will be developed and implemented and student competency files established. A final report will be delivered.

NORTH CAROLINA

Research (Sec. 131)

000384

Project Probe—Phase 3.**Project Director:** Dickens, Kenneth D.**Organization:** High Point Public Schools, P O Box 789, High Point, NC 27261**Telephone:** (919) 885-5161**Sponsoring Agency:** North Carolina State Board of Education, Raleigh**Contract/Control No.:** NC-ORU-131-002**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$61,329**Descriptors:** *Staff Development, *Regional Programs, *Community Resources, *Educational Administration, Program Development, Resource Materials, Human Resources, Technical Assistance, Administrator Education, Information Dissemination**Identifier:** State, Proposal**Descriptive Note:** This project also received \$37,004 in state and local funds for FY 1980

In phase 3, the staff development model, Preparing Regional Occupational Personnel to Better Education (PROBE), and its components will be completed and documented; the package of supporting components, documents, and instruments will be published and distributed to potential users. During fiscal year 1980, Region 3 and two additional educational regions will receive training and technical assistance in establishing their own regional staff development programs for vocational education. Each region will select for implementation those components of PROBE that meet its immediate needs and will establish a framework and the coordination leadership to identify supporting regional resources, assess staff development needs, plan appropriate activities, and use regional resources. The impact of the regional staff development program on vocational programs will be evaluated and the concept promoted statewide. A final report including evaluation reports will be written.

000111

Telecommunications Demonstration Project.**Project Director:** McIntosh, William A.**Organization:** Central Piedmont Community College, P.O. Box 4009, Charlotte, NC 28204**Telephone:** (704) 373-6633**Sponsoring Agency:** North Carolina State Board of Education, Raleigh**Contract/Control No.:** 020780-80-C Piedmont**Funding Period:** Start Date 08 Feb 80; End Date 01 Jan 81**Fiscal Year Funding:** \$11,351**Descriptors:** *Educational Innovation, *Feasibility Studies, *Teaching Methods, *Telephone Instruction, *Audiotape Cassettes**Identifier:** State, Proposal

The technical, economic, and operational feasibility of using the telephone system as an integral part of the instructional process in five occupational programs will be tested. Five departments will develop instructional logic designs for a single course to be offered from their respective departments. The designs will identify which lessons of a given course require the traditional lecture and which lessons can be transmitted over the telephone system. J-TEC model 34B videocassettes will be connected to the telephone lines during hours designated for student access. Data will be gathered on student and faculty reactions, faculty time freed from lecture requirements, energy conservation resulting from students driving less, and student achievement. Staff will be trained to develop and select existing audiotapes. A final

report and five copies of a slide/tape presentation will be delivered.

000257

Professional Development Institute for Vocational and Technical Education Personnel.**Project Director:** Simmons, Danny J.**Organization:** North Carolina State Department of Community Colleges, Staff Development Services, Raleigh, NC 27611**Telephone:** (919) 733-4791**Sponsoring Agency:** North Carolina State Board of Education, Raleigh**Contract/Control No.:** 020780-80-DCCSDS**Funding Period:** Start Date 08 Feb 80; End Date 08 Feb 81**Fiscal Year Funding:** \$22,778**Descriptors:** *Staff Development, *Delivery Systems, *Regional Programs, *Cost Effectiveness, *Professional Development**Identifier:** State, Proposal

A staff development model, professional development institute (PDI), which was designed to meet needs for better staff development delivery systems which can provide professional growth experiences for vocational-technical educators, will be tested. The division of staff development, department of community colleges, will provide management and coordinating services to a regional delivery system. A PDI council composed of representatives from each participating institution division will be formed and will function as an advisory body to project staff and the division of staff development. A series of development conferences in which participating institutions will define and select the curriculum will be held. The model will make the provision of professional growth opportunities for numbers of vocational and technical faculty in specialized areas cost effective. Also included in the model will be an evaluation cycle for each activity offered and a reassessment phase for a semi-annual evaluation of the entire system. A final report will be disseminated.

000385

Model to Increase Sex Equity.**Project Director:** Dillon, Linda S.; Foell, Nelson A.**Organization:** North Carolina State University, Department of Occupational Education, Raleigh, NC 27650**Telephone:** (919) 737-2234**Sponsoring Agency:** North Carolina State Board of Education, Raleigh**Contract/Control No.:** 030680-79, 80-NCSEUE-D**Funding Period:** Start Date 01 Mar 80; End Date 01 Mar 82**Fiscal Year Funding:** \$8,865**Descriptors:** *Nontraditional Education, *Nontraditional Occupations, *Sex Fairness, *Enrollment, *Audiovisual Instruction, Community Colleges, Sex Bias, Sex Stereotypes, Conferences, Models, Vocational Educational Education Teachers, Leadership Training**Identifier:** State, Proposal

A model to increase enrollment in nontraditional occupational education programs in North Carolina community colleges will be developed, and direction in developing leadership programs to reduce the effects of sex bias and sex-role stereotyping among educators will be offered. Three conferences will be held, data will be collected and analyzed, and the model and support materials will be developed. The development of the model will be based on the problems which the participants face in reducing sex bias and sex stereotyping in their daily work roles so it will reflect a solution to individual community needs. Sixty sets of media materials will be produced for use with educators and the community. A final report will be disseminated.

000386

Model for Determination of Student Attrition Causes and Trends.

Project Director: Keim, David; Stevenson, Alice F.

Organization: Nash Technical Institute, Route 5, Box 255, Rocky Mount, NC 27801

Telephone: (919) 443-4011

Sponsoring Agency: North Carolina State Board of Education, Raleigh

Contract/Control No.: 030680-81, 81

Funding Period: Start Date 01 Mar 80; End Date 01 Jan 82

Fiscal Year Funding: \$19,565

Descriptors: *Student Attrition, *Dropouts, *School Surveys, Community Colleges

Identifier: State, Proposal

A model to continue to identify and analyze attrition factors relating to students in the North Carolina Community College System will be developed. The concept of attrition will be defined; dropout students will be clearly distinguished from other nonreturning students. A data collection instrument will be developed and validated; and an institutional survey to be administered to current students to determine administration, staff, and faculty procedural problems which may be related to attrition will be developed. The data from both surveys will be analyzed to determine broad and specific factors in attrition. A manual for installing and using the model will be provided to allow local institutions to conduct their own studies. The model will provide information necessary for institutional and systemwide planning.

000387

Development of a Career Planning Center Model.

Project Director: Kidd, Frank E.

Organization: Wilson County Technical Institute, Career Development Laboratory, P. O. Box 4303, Wilson, NC 27893

Telephone: (919) 291-1195

Sponsoring Agency: North Carolina State Board of Education, Raleigh

Contract/Control No.: 030680-79, 80-Wilson

Funding Period: Start Date 01 Mar 80; End Date 01 Sep 81

Fiscal Year Funding: \$11,464

Descriptors: *Program Guides, *Career Planning, *Guidance Centers, *Program Development, Community Colleges, Teacher Workshops

Identifier: State, Proposal

The services that should be provided by a comprehensive student career planning process in community colleges will be identified; the ability of the career development laboratory to meet the needs of past and present clients will be determined statistically; and a handbook for organizing and operating a career planning center to include personnel, tests, equipment, and occupational information systems will be developed. Available literature will be reviewed, and past and present clients will be surveyed. Five fifteen-minute slide/tape programs describing the operation of a career planning center will be developed. Three one-day workshops will be held for representatives of about twenty institutions each as an in-depth orientation program to the operations of a career planning center. A final report will be delivered.

NORTH DAKOTA

Research (Sec. 131)

000559

Developmental Research for Vocational Guidance Personnel.**Project Director:** Floden, Ann**Organization:** Beulah High School, Beulah, ND 58523**Telephone:** (701) 873-2262**Sponsoring Agency:** North Dakota State Board for Vocational Education, Bismarck**Contract/Control No.:** RR-85**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,000**Descriptors:** *Faculty Handbook, *Counselors, *Career Guidance, *Staff Development, Evaluation Models, Secondary Education**Identifiers:** State, Proposal

Two vocational guidance handbooks to help counseling personnel improve their skills will be developed, and an evaluation tool will be designed to measure the impact of the booklets on vocational guidance programs in North Dakota. Areas that need improvement will be determined and data will be collected with the assistance of two area vocational guidance counselors and at least five resource people. The information disseminated will be designed for North Dakota vocational guidance programs.

Exemplary and Innovative (Sec. 132)

000008

Determining Vocational Needs of Handicapped and Disadvantaged Students.**Project Director:** Mergenthal, Roger**Organization:** Valley City Vocational Center, Valley City, ND 58072**Telephone:** (701) 845-0256**Sponsoring Agency:** North Dakota State Board for Vocational Education, Bismarck**Contract/Control No.:** RR-91**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,450**Descriptors:** *Guidelines, *Needs Assessment, *Disadvantaged Youth, *Educational Needs, *Special Education, *Exceptional Persons, Secondary Education, Inservice Teacher Education**Identifiers:** State, Proposal

Procedures or guidelines will be developed to assist local education agencies or vocational centers in determining vocational needs of special need students prior to their enrollment. Evaluation visits will be made to schools participating in the Valley City Multi-District Vocational Center to develop systematic processes for determining the numbers and vocational needs of handicapped and disadvantaged students. Inservice sessions addressing specific needs of handicapped and disadvantaged students will be provided for vocational education staff. These measures will contribute to groundwork for curriculum modification to accommodate special needs students.

000263

Alternate Approach for Agriculture Students in a Multi-District Center (Continuation).**Project Director:** Hunt, Jim**Organization:** Lake Area Vocational Center, Devils Lake, North Dakota 58301**Telephone:** (701) 662-5056**Sponsoring Agency:** North Dakota State Board for Vocational Education, Bismarck**Contract/Control No.:** RR-94**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$16,995**Descriptors:** *Vocational Training Centers, *Educational Alternatives, *Student Recruitment, *Cost Effectiveness, *School Community Relationship, *Agricultural Education, Leadership Training, Grade 9, Grade 10, Enrollment, Secondary Education**Identifiers:** State, Proposal

A teacher will teach two-hour blocks of vocational agriculture at two sending schools in a modified ninth and tenth grade agricultural program in an attempt to involve more students in center agriculture programs. Leadership activities, including Future Farmers of America, will be sponsored by center members; and other specialized courses including the use of area farms for production agriculture and the center for horticulture units will be taught. A cost analysis will aid in determining the feasibility of this approach. A final report will be written.

000558

Feasibility Study for Mobile Marketing and Distributive Occupational Laboratories in North Dakota.**Project Director:** Kohas, Don**Organization:** University of North Dakota, Grand Forks, ND 58202**Telephone:** (701) 777-2518**Sponsoring Agency:** North Dakota State Board for Vocational Education, Bismarck**Contract/Control No.:** RR-95**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$500**Descriptors:** *Distributive Education, *Rural Areas, *Mobile Laboratories, *Feasibility Studies**Identifiers:** State, Proposal

To determine the feasibility of establishing a mobile distributive education lab in rural North Dakota, studies and articles related to mobile occupational laboratories will be reviewed, significant features and designs of units will be identified, recommendations concerning the use of the labs will be obtained from experienced vocational educators and curriculum plans will be identified. A final report including recommendations for equipping a mobile lab and organizing a curriculum delivery system will be written.

000112

Teacher Coordination Management Guide for Distributive Education Program Administration and Operation.**Project Director:** Kohas, Don**Organization:** North Dakota University, Grand Forks, ND 58202**Telephone:** (701) 777-2518**Sponsoring Agency:** North Dakota State Board for Vocational Education, Bismarck**Contract/Control No.:** RR-96**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,500**Descriptors:** *Distributive Education Teachers, *Instructor Coordinators, *Administrative Policy, *Program Administration, *Faculty Handbooks, *Distributive Education, On The Job Training, Occupational Information**Identifiers:** State, Proposal

A management guide for North Dakota distributive education teacher coordinators will identify required administrative tasks, procedures, reports, and related forms necessary to administer a distributive education program. It will organize and sequence the tasks according to the time of the year when such tasks are accomplished or required and will provide information necessary to complete the tasks. In addition, the guide will contain information on employment regulations, wage and hour laws, safety requirements,

and equal employment opportunity provisions; guidelines and membership information on the Distributive Education Clubs of America program; and policies and suggested training plan agreements for on-the-job training or internships. One hundred copies of the guide, which will be updated each year, will be disseminated to distributive education teachers at the All-Service Conference.

000011

Revision of Vocational Cooperative Occupational Handbook.

Project Director: Navara, James L.

Organization: North Dakota University, Grand Forks, ND 58201

Telephone: (701) 777-2518

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-97

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000

Descriptors: *Manuals, *Cooperative Education, *Occupational Information, *Material Development

Identifiers: State, Proposal

The cooperative occupational handbook will be revised to reflect recent changes, printed, and distributed at the Vocational Education All-Service Conference in Bismarck, August 1980. Five hundred copies will be printed.

000557

Mine Technology Curriculum Revisions Project.

Project Director: Haakenson, Harvey

Organization: Bismarck Junior College Vocational-Technical Center, Bismarck, ND 58501

Telephone: (701) 258-7290

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-98

Funding Period: Start Date 15 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$4,847

Descriptors: *Curriculum Guides, *Instructional Materials, *Behavioral Objectives, *Technical Education, Student Recruitment, Postsecondary Education

Identifiers: State, Proposal, *Mining

The need for a mine technology program will be determined; job skills and knowledge levels will be developed; and a complete course including subtitles, behavioral objectives for each subtitle, methods of evaluating student competencies, and contribution of each lesson toward mastery of skills will be developed. A mine technology program will begin at the college in September 1980. An advisory board and craft committee will be organized. A student recruitment brochure will be written.

Curriculum Development (Sec. 133)

000113

Development of an Industrial Arts Energy/Power Handbook.

Project Director: Bender, Myron

Organization: North Dakota University, Department of Industrial Technology, Grand Forks, ND 58202

Telephone: (701) 775-2249

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-86

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$12,420

Descriptors: *Industrial Arts Teachers, *Faculty Handbooks, *Energy, *Resource Materials, *Industrial Arts, Curriculum Development

Identifiers: State, Proposal

Industrial arts teachers will be provided with support material—student activities, teacher demonstrations, equipment, and ideas for instructional aids—to more fully implement the level 1 energy/power curriculum. The industrial arts energy/power hand-

book to be developed will address each unit of the curriculum guide in anticipation of creating wider teacher acceptance of the course and greater student learning.

000012

Curriculum Development in Vocational Agriculture/Agribusiness.

Project Director: Priebe, David

Organization: North Dakota State University, Fargo, ND 58105

Telephone: (701) 237-7436

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: R

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$11,000

Descriptors: *Vocational Agriculture, *Agribusiness, *Instructional Materials, Curriculum Development, Curriculum Guides, Vocational Agriculture Teachers, Units Of Study

Identifiers: State, Proposal

A course guide, adaptable from one area of the state to another and to individual teacher needs, will be developed for vocational agriculture/agribusiness. Project staff will also develop units of instruction for first year vocational agriculture, making them available for review by an advisory council, and obtain appropriate units developed in other states.

000013

North Dakota Vocational Curriculum Library.

Project Director: Haakenson, Harvey

Organization: Bismarck Junior College, Bismarck, ND 58501

Telephone: (701) 223-4500

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-87

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,000

Descriptors: *Resource Materials, *Instructional Materials, *Regional Libraries, *Vocational Education Teachers, Information Retrieval, Library Material Selection, Library Services

Identifiers: State, Proposal

All vocational education instructors in North Dakota will be provided access to current curriculum materials through the development and maintenance of a vocational curriculum resource library. Lists of up-to-date materials will be obtained from program supervisors, and materials will be ordered. A materials retrieval system will then be developed and organized and a catalog of materials developed and disseminated to vocational education teachers.

000014

Research and Develop a Curriculum Guide for Level 2 Senior High School Industrial Arts Courses.

Project Director: Muga, Don

Organization: Valley City State College, Valley City, ND 58072

Telephone: (701) 845-7444

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-88

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,500

Descriptors: *Curriculum Design, *Articulation Education, *Industrial Arts, *Trade and Industrial Education, *Curriculum Guides, *Senior High Schools, Secondary Education, Instructional Materials, Teacher Developed Materials

Identifiers: State, Proposal

Intended to redesign the senior high industrial arts program to articulate with the level 1 junior high curriculum and vocational trade and industrial courses and to provide meaningful activities, project staff will develop a curriculum guide for the level 2 senior high industrial arts course and the instructional materials needed for implementing the senior high school curriculum master plan for North Dakota secondary schools. The elements included in the master plan will be expanded and criteria provided for implementing specific courses at the secondary level. A cadre of secondary school teachers

with competencies in the technical core area—production, graphic communications, and energy and power—will be selected to write courses of study identified in the master plan. High school staff in North Dakota will receive copies of the developed curriculum plan and receive assistance in its implementation. Students who do not have access to vocational programs will be served as well as those who desire exploratory and beginning specialization for postsecondary preparation.

000114

Office Education Curriculum Revision.

Project Director: Atwood, Dale

Organization: Minot State College, Minot, ND 58701

Telephone: (701) 857-3110

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-89

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$6,990

Descriptors: *Faculty Handbooks, *Resource Materials, *Office Occupations Education, *Business Education Teachers, Curriculum Development

Identifiers: State, Proposal

Office education teachers in North Dakota will be provided with up-to-date material to assist them in carrying out the objectives of vocational office education. The handbook, entitled "Vocational Office Education for Tomorrow's World," will be reviewed and revised with current materials developed and added. Five hundred copies will be reproduced for distribution. A committee of five office education teachers will provide input and criticism of revision methods and procedures.

000115

Distributive Education Clubs of America (DECA) Competitive Events Curriculum Development.

Project Director: Kohns, Donald

Organization: North Dakota University, Grand Forks, ND 58202

Telephone: (701) 777-2518

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-90

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,220

Descriptors: *Distributive Education, *Marketing, *Student Organization, *Competency Based Education, Material Development, School Industry Relationship, Conferences, Teacher Workshops

Identifiers: *Distributive Education Clubs of America, State, Proposal

Fifty-six competency-based competitive events, validated by business and industry representatives, will be developed for use at the North Dakota Distributive Education Development Conference. Required occupational competencies will be identified and then verified by distributive education personnel and business and industry representatives. Three all-day sessions will be conducted to train distributive education personnel to use, develop, and evaluate marketing and distribution occupational competency-based events. Workshop participants will be assigned specific events to write for the DECA curriculum.

000264

Small Business Management Curriculum Update.

Project Director: Palmer, Rodger, E.

Organization: Independent School District 709, Duluth, MN 55802

Telephone: (218) 722-4731

Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck

Contract/Control No.: RR-92

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$300

Descriptors: *Business Administration, *Instructional Materials, Curriculum Development, Units of Study, Secondary Education, Postsecondary Education, Business Education

Identifiers: *Entrepreneurship Programs, State, Proposal

Following a review process, a small business management curriculum will be developed for use in secondary and postsecondary vocational programs. Titles of units of instruction and curriculum format will be included in the revision along with business codes and the annual business analysis. A print-ready copy of the curriculum including new units of instruction will be submitted with a plan for averaging 1979 financial data.

OHIO

Exemplary and Innovative (Sec. 132)

000540

Mahoning County Career Development Program.**Project Director:** Paylicko, Marie**Organization:** Mahoning County Vocational Education Program Development, 7300 North Palmyra Road, Canfield, OH 44406**Sponsoring Agency:** Ohio State Dept. of Education, Columbus**Contract/Control No.:** CD-1-80**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$88,910**Descriptors:** *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$65,083 in state and \$211,690 in other funds for FY 1980

The Mahoning County continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews, using the Ohio Program for Improvement, Development, and Expansion (PRIDE) process.

000561

Medina County Career Development Program.**Project Director:** Hoops, Dennis**Organization:** Medina County Vocational Education Program Development, 1101 West Liberty, Medina, OH 44256**Sponsoring Agency:** Ohio State Dept. of Education, Columbus**Contract/Control No.:** CD-2-80**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$66,369**Descriptors:** *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$10,811 in state funds and \$159,830 in other funds for FY 1980

The Medina County VEPD continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction

to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000562

Scioto County Career Development Program.**Project Director:** Kallner, Brenda**Organization:** Scioto County Vocational Education Program Development, P O Box 766, Lucasville, OH 45648**Sponsoring Agency:** Ohio State Dept. of Education, Columbus**Contract/Control No.:** CD-3-80**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$60,739**Descriptors:** *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials**Identifiers:** State, Proposal**Descriptive Note:** This project also received \$5,851 in state funds and \$150,335 under PL95-207 for FY 1980

The Scioto County joint vocational school district continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio career development tests, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000563

Montgomery County Career Development Program.**Project Director:** Gilbert, James W.**Organization:** Montgomery County Vocational Education Program Development, 6800 Hoke Road, Clayton, OH 45315**Sponsoring Agency:** Ohio State Dept. of Education, Columbus**Contract/Control No.:** CD-4-80**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$47,511**Descriptors:** *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educa-

tional Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$39,619 in state funds and \$82,550 under PL95-207 for FY 1980

The Montgomery County vocational education program development continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000564

Akron Career Development Program.

Project Director: Topougis, Nicholas J.

Organization: Akron City Schools, 65 Steiner Avenue, Akron, OH 44301

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-6-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$71,937

Descriptors: *Career Development, *Curriculum Guides, *Educational Resources, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$184,983 in state funds for FY 1980

The Akron continuing K-10 career development program of motivation orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grade K-6 develop career awareness and positive work attitudes. Grades 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center in the in-depth exploration of at least three occupations work experience, and value and interest clarification. Program implementation will be through onsite observation of workers, work simulation, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews, using the Ohio Program for Improvement, Development, and Expansion (PRIDE) format.

000565

Canton Career Development Program.

Project Director: Caster, Richard J.

Organization: Canton City Schools, 800 Market Avenue, North Canton, OH 44702

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-8-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$41,466

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities,

*Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$106,624 in state funds for FY 1980

Now in its seventh year, the Canton K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Development Test, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000566

Cincinnati Career Development Program.

Project Director: Watson, Maxine

Organization: Cincinnati City Schools, 230 East Ninth Street, Cincinnati, OH 45202

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-9-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$70,738

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$181,897 in state funds for FY 1980

The Cincinnati continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000567

Cleveland Career Development Program.

Project Director: Jones, Oliver J.

Organization: Cleveland City Schools, 1380 East Sixth Street, Cleveland, OH 44114

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-10-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$112,735

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Occupational Clusters, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$233,238 in state funds for FY 1980

Now in its ninth year, the Cleveland K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000568

Cleveland Heights Career Development Program.

Project Director: Bellin, Allan

Organization: Cleveland Heights, University Heights, Shaker Heights, and Warrensville Heights City Schools. 2530 Canterbury Road, Cleveland, OH 44118

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-11-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$54,906

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$141,189 in state funds for FY 1980

The Cleveland Heights VEPD continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarifications. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000569

Columbus Career Development Program.

Project Director: Briggs, Richard

Organization: Columbus City Schools, 270 East State Street, Columbus, OH 43215

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$37,086

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$95,364 in state funds for FY 1980

The Columbus continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grade 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000570

Dayton Career Development Program.

Project Director: Rammes, Robert

Organization: Dayton City Schools, 348 West First Street, Dayton, OH 45402

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-13-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$72,676

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$186,879 in state funds for FY 1980

The Dayton continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000571

Geneva Career Development Program.

Project Director: Veverka, Eugene

Organization: Geneva Area City Schools, Sherman Street, Geneva, OH 44041

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-17-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,219

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$25,581 in state funds for FY 1980

The Geneva area Continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Education Tests, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000572

Lorain Career Development Program.

Project Director: Gorham, DeRoy

Organization: Lorain City Schools, Charleston School, Pole Avenue and 23rd Street, Lorain, OH 44052

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-21-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$47,320

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$120,680 in state funds for FY 1980

The Lorain continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Development Test, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000573

Mansfield Career Development Program.

Project Director: Borchers, John

Organization: Mansfield City Schools, 856 West Cook Road, Mansfield, OH 44906

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-23-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$29,069

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$74,751 in state funds for FY 1980

The Mansfield continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews. A third party will evaluate these data and student test results.

000574

North Canton Career Development Program.

Project Director: Vought, Donald

Organization: North Canton City Schools, 605 Fair Oaks SW, North Canton, OH 44720

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-26-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$18,149

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$46,669 in state funds for FY 1980

Now in its third year, the North Canton K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupation, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Education Test, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000575

Parma Career Development Program.

Project Director: Schleicher, Mary

Organization: Parma City Schools, 10064 North Church Drive, Parma Heights, OH 44130

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-29-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$47,052

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$120,993 in state funds for FY 1980

The Parma continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Education Test, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000576

Princeton Career Development Program.

Project Director: Glover, Samuel

Organization: Princeton City Schools, 25 West Sharon Avenue, Cincinnati, OH 45246

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-31-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$17,959

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$46,181 in state funds for FY 1980

The Princeton continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000577

Sidney Career Development Program.

Project Director: Leighty, William

Organization: Sidney City Schools, 232 North Miami Avenue, Sidney, OH 45363

Telephone: (513) 492-3618

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-34-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$16,187

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$41,623 in state funds for FY 1980

The Sidney Continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000578

Southwestern Career Development Program.

Project Director: Doerr, Warren

Organization: Southwestern City Schools, 2975 Kingston Avenue, Grove City, OH 43123

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-35-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$46,602

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$119,833 in state funds for FY 1980

The Southwestern continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Career Test and the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000579

Springfield Career Development Program.

Project Director: Degenhart, George

Organization: Springfield City Schools, 49 East College Avenue,

Springfield, OH 45301

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-36-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$32,652

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifier: State, Proposal

Descriptive Note: This project also received \$83,958 in state funds for FY 1980

Now in its seventh year, the Springfield K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000580

Tallmadge Career Development Program.

Project Director: Corbett, Patrick

Organization: Tallmadge City Schools, 486 East Avenue, Tallmadge, OH 44278

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CED-38-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$14,460

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifier: State, Proposal

Descriptive Note: This project also received \$37,182 in state funds for FY 1980

The Tallmadge continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews, using the Ohio Program for Improvement, Development, and Expansion (PRIDE) guidelines.

000581

Toledo Career Development Program.

Project Director: Roman, Jama

Organization: Toledo City Schools, Manhattan and Elm Streets, Toledo, OH 43608

Sponsoring Agency: RUF67060

Contract/Control No.: CD-39-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$66,204

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifier: State, Proposal

Descriptive Note: This project also received \$170,241 in state funds for FY 1980

The Toledo continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000582

Upper Arlington Career Development Program.

Project Director: Losekamp, Nancy

Organization: Upper Arlington City Schools, 1950 North Mallway, Upper Arlington, OH 43221

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-40-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,193

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifier: State, Proposal

Descriptive Note: This project also received \$39,067 in state funds for FY 1980

Now in its fifth year, the Upper Arlington K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review techniques, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and inter-

views.

000583

Warren Career Development Program.

Project Director: Zockle, Michael A.

Organization: Warren City Schools, 261 Monroe Street, NW, Warren, OH 44482

Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract/Control No.: CD-41-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$31,889

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$82,001 in state funds for FY 1980

The Warren continuing K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. Students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews, using the Ohio Program for Improvement, Development, and Expansion (PRIDE) format.

000584

Willoughby-Eastlake Career Development Program. *

Project Director: Cicek, Louis

Organization: Willoughby-Eastlake City Schools, 2882 Cricket Lane, Willoughby Hills, OH 44092

Sponsoring Agency: Ohio State Dept. of Education, Columbus

Contract/Control No.: CD-43-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$27,605

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$98,232 in state funds for FY 1980

Now in its eighth year, the Willoughby-Eastlake K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. The Ohio Career Education Test

and the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique will be used. In addition students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

000585

Youngstown Career Development Program.

Project Director: Malle, Joseph

Organization: Youngstown City Schools, 1025 West Rayen Avenue, Youngstown, OH 44502

Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract/Control No.: CD-45-80

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$32,347

Descriptors: *Career Development, *Curriculum Guides, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, Instructional Materials, Program Evaluation, Resource Materials

Identifiers: State, Proposal

Descriptive Note: This project also received \$83,178 in state funds for FY 1980

Now in its seventh year, the Youngstown K-10 career development program of motivation, orientation, and exploration, integrated into existing curriculum, is designed to help prepare the learner to make career and education choices in senior high school. Activities in grades K-6 develop career awareness and positive work attitudes. Grade 7 and 8 activities focus on career orientation and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Program implementation will be through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Staff in-service training for integrating career education concepts into the curriculum will be provided. Courses of study and guides for resources, field trips, and curriculum will be developed. In addition to the Ohio Program for Improvement, Development, and Expansion (PRIDE) review technique, students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

OKLAHOMA

Research (Sec. 131)

000122

Field Tests of Oklahoma Vocational Curriculum Manuals.**Project Director:** Stone, Sheila**Organization:** Oklahoma State Department of Vocational and Technical Education, Research Unit, 1515 West 6th Avenue, Stillwater, OK 74074**Telephone:** (405) 377-2000**Sponsoring Agency:** Oklahoma State Dept. of Vocational and Technical Education, Stillwater**Contract/Control No.:** OK801311005**Funding Period:** Start Date 15 Aug 79; End Date 30 Jul 80**Fiscal Year Funding:** \$26,500**Descriptors:** *Curriculum Guides, *Curriculum Evaluation, *Field Tests, Agriculture, Drafting, Nursing, Welding, Auto Mechanics, Cooperative Education, Animal Science, Health Services, Family Life, Child Care, Achievement Tests**Identifier:** State, Proposal

The following vocational curriculum manuals will be field tested: agriculture livestock skills, health service careers, auto mechanics 1, family living, interdisciplinary cooperative education, agriculture 4, nursing 1, welding, drafting, and occupational child care. To accomplish this, achievement tests, assignment sheets, and job sheets will be obtained from each student in at least five programs for each unit in each manual. Item analysis will identify strengths and weaknesses. In addition, an opinionnaire will be given to teachers and administrators to obtain their input concerning revisions.

000123

Effects of Educational Equity Activities.**Project Director:** Rehman, Mohammad**Organization:** Oklahoma State Department of Education, Division of Vocational-Technical Education, 1515 West 6th Avenue, Stillwater, OK 74074**Sponsoring Agency:** Oklahoma State Dept. of Vocational and Technical Education, Stillwater**Contract/Control No.:** OK801311006**Funding Period:** Start Date 15 Oct 79; End Date 30 May 80**Fiscal Year Funding:** \$4,800**Descriptors:** *Program Evaluation, *Equal Education, *Sex Stereotypes, *Enrollment Trends, *Sex Fairness, *Non-discriminatory Education**Identifier:** State, Proposal

To determine if educational equity activities have affected sex distribution of enrollments in stereotyped vocational programs, hypotheses of differences in sex distribution before and after 1976 will be tested by program areas, type of school, urban-rural-suburban setting, level of schooling, and traditionally male versus traditionally female programs. Data from the Oklahoma student accounting system from the 1973-74 through 1978-79 school years will be analyzed for all vocational programs with 40 percent or less of the minority sex. An attempt will be made to identify enrollment trends before 1976 to control for changes not the result of educational equity activities. A final report will be written, and a doctoral dissertation may result.

000124

Learning Resource Centers in Oklahoma Area Schools.**Project Director:** Lowden, Ernest G.**Organization:** State Department of Vocational and Technical Education, Research Unit, 1515 West 6th Avenue, Stillwater, OK 74074**Sponsoring Agency:** Oklahoma State Dept. of Vocational and

Technical Education, Stillwater

Contract/Control No.: OK801311008**Funding Period:** Start Date 15 Jan 80; End Date 30 Jun 80**Fiscal Year Funding:** \$1,000**Descriptors:** *Needs Assessment, *Resource Centers, *Instructional Materials Centers, School Superintendents**Identifier:** State, Proposal

Area school superintendents and instructors will be surveyed to determine the present status of the instructional media/learning resource center programs and to identify priority needs for these programs. A comparison will be made between evaluation and preference of both the superintendents and the instructors. A final report will be written; it is anticipated a doctoral dissertation will also result.

000125

Evaluation of Oklahoma Coordinated Vocational Education and Training (CVET) Programs.**Project Director:** Frazier, Don**Organization:** Oklahoma State Department of Vocational Technical Education, Research Unit, 1515 West 6th Avenue, Stillwater, OK 74074**Telephone:** (405) 377-2000**Sponsoring Agency:** Oklahoma State Dept. of Vocational and Technical Education, Stillwater**Contract/Control No.:** OK1311007**Funding Period:** Start Date 15 Nov 79; End Date 15 Mar 80**Fiscal Year Funding:** \$5,000**Descriptors:** *Case Studies, *Vocational Followup, *Program Evaluation, *Educationally Disadvantaged, Program Effectiveness**Identifier:** State, Proposal

The study will determine how and to what extent the CVET programs are meeting objectives aimed at preparing educationally disadvantaged students for traditional vocational programs and ultimately the world of work. Each of seven regional administrators will identify two individuals who completed a CVET program in the 1974-75 school year for in-depth case studies. If appropriate, the CVET instructor, vocational instructor, principal, and parents also will be interviewed. Cases will then be compared with the "ideal" pattern implied in the purposes of CVET. A follow up through the student accounting system will be conducted with all students enrolled in a CVET program in the 1976-77 and 1978-79 school years to determine their status in relation to the program's objectives. The follow up will be analyzed using descriptive statistics. A final report will be written.

000314

Perceptions Relating to 'A Guide for Industrial Arts Education in Oklahoma'.**Project Director:** Stacy, Roger**Organization:** Oklahoma State Department of Vocational and Technical Education, Division of Research, Planning, and Evaluation, 1515 West 6th Avenue, Stillwater, OK 74074**Telephone:** (405) 377-2000**Sponsoring Agency:** Oklahoma State Dept. of Vocational and Technical Education, Stillwater**Contract/Control No.:** OK801311009**Funding Period:** Start Date 15 Feb 80; End Date 30 Jun 80**Fiscal Year Funding:** \$1,000**Descriptors:** *Industrial Arts Teachers, *Teacher Attitudes, *State Surveys, *Inservice Teacher Education, Industrial Arts, Instructional Innovation**Identifier:** State, Proposal

To assist in determining the need for revising curriculum materials and structuring preservice and in-service training, an opinionnaire based

on the contents of "A Guide for Industrial Arts Education in Oklahoma" will be mailed to all full-time industrial arts teachers and teacher educators to determine their beliefs and perceptions. Experiences that the teachers believe they need to adapt to the contemporary concepts in the guide and their knowledge of those concepts will be identified. Recommendations for in-service training to correct deficiencies will be made. A final report will be written.

Exemplary and Innovative (Sec. 132)

000232

Innovative Part-Time Adult Education Plan for Rural Areas

Project Director: Wibben, Charles

Organization: Kiamichi Area Vocational-Technical School District, Box 490, Wilburton, OK 74578

Telephone: (918) 465-2323

Sponsoring Agency: Oregon State Board of Education, Salem

Contract/Control No.: OK801321001

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$14,890

Descriptors: *Adult Education, *Part Time Students, *Rural Areas, *Economically Disadvantaged, *Student Recruitment, *Job Training

Identifiers: State, Proposal

This project will demonstrate a model cluster program to meet training needs of economically disadvantaged adults not now served by vocational education. Special interest advisory groups will be formed in high job vacancy areas to develop needs assessment of related cluster program objectives. The enrollment of part-time adult students will be increased by 120 over fiscal year 1979. Occupational courses in multiple subject areas which correspond with employment opportunities will be offered; job entry-level training, upgrading, and retraining opportunities in five additional occupational areas will be provided; and a minimum vocational quotient of 70 percent will be maintained. Results and implementation procedures will be disseminated statewide. A final report will be written.

000265

Innovative Short-Term Adult Education Plan

Project Director: Hulsey, Orbra C.

Organization: Caddo-Kiowa Area Vocational-Technical School District 2, Box 190, Fort Cobb, Oklahoma 73038

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK801321002

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$15,182

Descriptors: *Adult Vocational Education, *Student Recruitment, *Off Campus Facilities, *Minicourses, *Job Training, *Part Time Students, Disadvantaged

Identifiers: State, Proposal

A systematic approach to development and implementation of short-term vocational education to serve adults in greatest need of training and business and industry in greatest need of employees will be developed. Objectives are to increase part-time student adult enrollment by 120; to obtain a minimum vocational quotient of 71 percent; and to develop course offerings to include job-ready, upgrading, and retraining skills. Programs will be identified through an advisory committee from business and industry. Course offerings will be held off-campus and in outlying communities to facilitate delivery to the disadvantaged. Students will be recruited through a referral advisory committee and multimedia promotion. A final report will be prepared.

000592

Innovative Part-Time Adult Education Plan for Rural Areas

Project Director: Kirk, Jerry R.

Organization: Western Oklahoma Area Vocational-Technical School, P.O. Box 149, Burns Flat, OK 73624

Telephone: (405) 562-4812

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: 801321003

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$14,831

Descriptors: *Adult Vocational Education, *Extension Education, *Minicourses, *Student Recruitment, *Rural Areas, Disadvantaged, Disabilities, Models

Identifiers: State, Proposal

A model program designed for previously unserved adults will be developed to increase short-term enrollments by 120 per year, to increase the current capability to deliver short-term adult programs by adding five new programs, and to maintain a minimum vocational quotient equivalent of 71 percent. A needs analysis will be conducted, and an advisory committee representative of agencies serving the disadvantaged and handicapped will be organized to refer students. At least 70 percent of the classes will be conducted off-campus. A final report will be delivered.

Curriculum Development (Sec. 133)

000015

Proposal to Develop Vocational Student Competency Measures and Establish the Feasibility of a National Program

Project Director: Tunkel, Leon S.

Organization: National Occupational Competency Testing Institute, 45 Colvin Avenue, Albany, NY 12206

Telephone: (518) 482-8864

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK801331004

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Test Construction, *Standardized Tests, *Performance Tests, *Criterion Referenced Tests, *Competency Based Education, Secondary Education, Postsecondary Education, Academic Achievement, Minimum Competency Testing

Identifiers: State, Proposal

A series of at least ten student occupational competency examinations with performance components will be developed and standardized for assessing vocational student achievement levels in postsecondary and secondary vocational programs. A sub-consortium of states, the National Occupational Testing Institute, and the Ohio Instructional Materials Laboratory will select test areas and develop and pilot test the examinations. Guidelines for test administration also will be produced. The project should result in wide use of student proficiency examinations as an alternative for determining program effectiveness.

000586

Farm Business Management 2

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK801331005

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$10,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Farm Management, *Behavioral Objectives, *Learning Activities, State Standards, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided

free to local programs; student materials will be available at reproduction costs.

000587

Auto Body Learning Activity Packages.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331006

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$40,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Auto Body Repairers, *Behavioral Objectives, *Learning Activities, State Standards, Visual Aids, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000588

Welding Learning Activity Packages.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331007

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Welding, *Behavioral Objectives, *Learning Activities, State Standards, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to tests and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000589

Food Service Learning Activity Packages.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331008

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Food Service, *Behavioral Objectives, *Learning Activities, State Standards, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000593

Home Economics 2.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331009

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Home Economics, *Behavioral Objectives, *Learning Activities, State Standards, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000594

Dental Assistant.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331010

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$15,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Dental Assistants, *Behavioral Objectives, *Learning Activities, State Standards, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

tion costs.

000595

Nursing I—Revision.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK801331011

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *Competency Based Education, *Nursing, *Behavioral Objectives, *Learning Activities, State Standards, Visual Aids, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000590

Cooperative Education Cooperator's Handbook.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 801331012

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$14,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests, *State Standards, *Competency Based Education, *Cooperative Education, *Behavioral Objectives, *Learning Activities, Secondary Education, Postsecondary Education, Visual Aids

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluations, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

000591

Sex Equity: Teaching, Learning, Achieving.

Project Director: Patton, Bob

Organization: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, OK 74074

Telephone: 377-2000

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract/Control No.: OK 8013310133

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,000

Descriptors: *Instructional Materials, *Criterion Referenced Tests,

*Competency Based Education, *Sex Fairness, *Behavioral Objectives, *Learning Activities, State Standards, Visual Aids, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Instructional materials will be standardized statewide by developing a basic core of instruction for each vocational program. Materials will include performance objectives, suggested activities, information sheets, transparency masters, photos and drawings, assignment sheets, job sheets, criterion-referenced evaluation, and answers to test and assignment sheets. Curriculum specialists and writers will work with an advisory committee composed of teacher-educators, vocational teachers, state supervisory staff, and representatives from business and industry. Copies of teacher materials will be provided free to local programs; student materials will be available at reproduction costs.

OREGON

Research (Sec. 131)

000404

Disadvantaged and Handicapped Promising Practices Project, 1979-80 (Continuation).

Project Director: Jacobs, Jim

Organization: Marion Education Service District, 3180 Center Street, NE, Salem, OR 97301

Sponsoring Agency: Oregon State Board of Education, Salem

Contract/Control No.: 24-000-238

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$10,086

Descriptors: *Educational Innovation, *Disadvantaged Youth, *Disabilities, *Information Dissemination, *Teaching Methods, Faculty Handbooks, Grants, Postsecondary Education, Vocational Education Teachers

Identifiers: State, Proposal

Descriptive Note: This project also received \$10,086 under section 132 for FY 1980

Using a predetermined set of criteria, promising vocational education practices benefitting the disadvantaged and handicapped will be identified with emphasis on postsecondary practices. Results will be disseminated and a special project and grant management handbook developed.

000596

Model Joint Job Search and Vocational Placement Project.

Project Director: Rumbaugh, W. A.

Organization: Sandy Union High School District 2, 17100 Bluff Road, Sandy, OR 97055

Telephone: 663-8011

Sponsoring Agency: Oregon State Board of Education, Salem

Contract/Control No.: 6-79-80

Funding Period: Start Date 15 Oct 79; End Date 15 Jul 80

Fiscal Year Funding: \$25,000

Descriptors: *Articulation Education, *Job Placement, *Job Search Methods, *College School Cooperation, Secondary Education, Program Development, Followup Studies, Data Collection, Postsecondary Education, Models

Identifiers: State, Proposal

Project staff will develop a management system for job search and vocational placement. A comprehensive placement program and an articulation program between Mt. Hood Community College and feeder secondary vocational programs will be developed. The placement system will be used for vocational program planning and improvement. A system for both student and employer follow up will be implemented. A data collection system for determining future needs in occupational labor trends, technology, and equipment will be developed.

000597

Identify Problems and Exemplary Practices in the Adoption and Use of Vocational Curriculum Materials.

Project Director: Martinez, Pete

Organization: Oregon State University, Department of Industrial Education, Corvallis, OR 97331

Telephone: (503) 754-2733

Sponsoring Agency: Oregon State Board of Education, Salem

Contract/Control No.: RE-PS-1-80

Funding Period: Start Date 01 Jan 80; End Date 30 Sep 80

Fiscal Year Funding: \$8,606

Descriptors: *Individualized Instruction, *Use Studies, *Learning Packages, *Adoption Ideas, *Educational Innovation, Community Colleges, Teaching Methods, Program Guides, Instructional

Materials, Food Service, Electronics

Identifiers: State, Proposal

Descriptive Note: This project also received \$8,608 under Sec. 132 for FY 1980

Data on state-developed individualized instruction packages and their relationship to cluster guides for electronics and food service will be gathered and evaluated to ascertain the extent and degree of usage of the packages in secondary schools and community colleges. A questionnaire will be developed and mailed, and onsite visits will be made to both selected users and nonusers. An adopter's handbook for using individualized curriculum materials will be drafted, and a list of exemplary practices and procedures will be compiled. A technical report and a final report will be written.

001701

Model for Surveying Employers of Vocational Education Program Students.

Project Director: Dymond, Charles

Organization: Clatsop County Education Service District, 3194 Marine Drive, Astoria, OR 97103

Telephone: 325-2862

Sponsoring Agency: Oregon State Board of Education, Salem

Funding Period: Start Date 01 Mar 79; End Date 28 Feb 80

Fiscal Year Funding: \$8,200

Descriptors: *Educational Assessment, *School Business Relationship, *Inservice Education, *Program Development, *Surveys, *Employer Attitudes, Secondary Education

Identifiers: State, Proposal

A transportable system will be developed for surveying employers of secondary school vocational program participants as to the adequacy of the training. An in-service process to ensure transportability and reasonable costs for implementing the model also will be developed. Three committees will design, develop, and field test instruments, procedures, and processes to gather, record, tabulate, and disseminate needed information from employers. Products will include step-by-step guidelines for implementing the model, including how to get employer and employee cooperation.

Exemplary and Innovative (Sec. 132)

000126

Community Experiences for Career Education (CE)2 Program of Jackson County (Continuation).

Project Director: Gallo, Vincent A.

Organization: Jackson County Educational Service District, 101 N. Grape Street, Medford, OR 97501

Sponsoring Agency: Oregon State Board of Education, Salem

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,000

Descriptors: *Academically Gifted, *Disadvantaged Youth, *School Community Relationship, *Exceptional Persons, *Career Education, Basic Skills, Skill Development, Parent Student Relationship, Student School Relationship, Parent School Relationship, Role Models, Young Adults, Experiential Learning

Identifiers: *Experience Based Career Education Program, State, Proposal

The Jackson County Community Experiences for Career Education (CE)2 program, emphasizing basic skills development, is a model delivery system to promote school-community relationships, parent-child-school relationships, and interaction with successful role models and young adults. It unites life skills with academic skills and career aspirations with real work experiences. Under the continuing project, gifted students will be placed into the program; at the same time, the

program will maintain the vocational curriculum focus for disadvantaged and handicapped students sixteen years old or older. A follow-up process or system will be developed, and elimination of sex-role discrimination at learning sites will be stressed. In addition, funding sources will be sought for the (CE)2 program. The career education director of Douglas County will conduct an external review of the project.

PENNSYLVANIA

Research (Sec. 131)

000405

Effects of Parental Sex-Role Attitudes on the Self-Concept and Sex-Role Identity of Preschool Children.

Project Director: Kuchta, Penny

Organization: Pennsylvania State University, 212 Rackley Building, University Park, PA 16802

Telephone: (814) 865-5441

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9801

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,354 (Charged to FY 1979)

Descriptors: *Sex Role, *Self Concept, *Preschool Children, *Parent Attitudes, *Parenthood Education, Comparative Analysis

Identifiers: State, Proposal

The effects of parental sex-role attitudes on the concept and sex-role identity of preschool children will be determined to assist educators and parents in decision making and provide information for parenthood curricula. Sixty pairs of parents, thirty holding emerging sex-role attitudes and thirty holding traditional sex-role attitudes, will be selected in terms of their responses to a sex-role attitude measure. After identifying the two groups of parents, their preschool children's self-concept and sex-role identity will be assessed by a self-report and a projective technique respectively. Statistical analyses will be used to compare the sex, self-concept, and sex-role identity of the two groups of children. A final report will be delivered.

000407

Relationship among Vocational Educator's Open-Mindedness, Knowledge of Adolescent Childbearing, and Attitudes toward Pregnant Adolescents.

Project Director: St. Pierre, Tena

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9803

Funding Period: Start Date 01 Jul 79; End Date 30 Nov 79

Fiscal Year Funding: \$1,327 (Charged to FY 1979)

Descriptors: *Pregnant Students, *Vocational Education Teachers, *Teacher Attitudes, Sex Discrimination, Social Discrimination, Surveys

Identifiers: State, Proposal

Results from this study will provide an understanding of the relationship of vocational educator's knowledge, open-mindedness, and attitudes about childbearing adolescents and adolescent expectant fathers. Specifically, project staff will (1) examine the relationship between vocational educators' knowledge of adolescent childbearing and their attitudes toward pregnant adolescents and adolescent expectant fathers, (2) examine the relationship of vocational educators' degree of open-mindedness to their attitudes toward pregnant adolescents and adolescent expectant fathers, and (3) differentiate between vocational educators' attitudes toward pregnant adolescents and their attitudes toward adolescent expectant fathers. All members of the Pennsylvania Vocational Association will be mailed a packet of instruments including a cover letter, a personal data form, a knowledge inventory, an attitude scale, the Rokeach Dogmatism Scale, and a reply envelope. Statistical analyses will be done to determine the relationships of the variables. A final report will be delivered.

000406

Professional Horticulture Competencies for Beginning and Experienced Vocational Horticulture Teachers in Pennsylvania.

Project Director: Attarian, A. Ronald

Organization: Pennsylvania State University, Department of Agricultural Education, 207 Old Main, University Park, PA 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9805

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,845 (Charged to FY 1979)

Descriptors: *Horticulture, *Agricultural Education, *Beginning Teachers, *Teacher Qualifications, *Vocational Education Teachers, *Teaching Skills

Identifiers: State, Proposal

A list of professional horticulture competencies needed by beginning vocational horticulture teachers will be generated, validated, and field tested to compare responses of beginning horticulture teachers, experienced horticulture teachers, craft committee members, administrators, and preservice agricultural education and horticulture students at Pennsylvania State University. A survey instrument for evaluating these competencies will be developed and field tested. A final report will be delivered.

000127

Evaluation of the SUN AVTS Twelfth Year Program (Continuation).

Project Director: Toole, Patrick

Organization: Central Susquehanna Intermediate Unit 16, P.O. Box 213, Lewisburg, PA 17837

Telephone: (717) 524-4431

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9802

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$26,500 (Charged to FY 1979)

Descriptors: *Student Attitudes, *Program Evaluation, *Social Adjustment, Student Adjustment, Secondary Education, Grade 12, Grade 11, Comparative Analysis

Identifiers: State, Proposal

A pre- and posttest control group design will be used to obtain data to make programmatic decisions. A new twelfth-year program will be evaluated against a control group consisting of students in eleventh and twelfth grades who attend the approved AVTS two-week-about schedule. The study will determine if students enrolled in the twelfth year program have different attitudes and social adjustment and better skills and trade knowledge than the control group. Student enrollment in the school will be increased, and vocational education will be made available to underserved segments of the school population: handicapped, terminal, and college preparatory students and potential dropouts. The project will enable students to delay making a final career choice until age sixteen or seventeen.

000316

Vocational Education Information Network (VEIN) Resource Dissemination for Pennsylvania (Continuation).

Project Director: Keyes, Erma D.

Organization: Millersville State College, Stayer Research and Learning Center, Millersville, PA 17551

Telephone: (717) 872-5411

Sponsoring Agency: Pennsylvania State Dept. of Education, Har-

risburg

Contract/Control No.: 83-9804

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$182,999 (Charged to FY 1969)

Descriptors: *Information Dissemination, *Information Networks, *Research Utilization, *Information Services, *Resource Materials, *Program Effectiveness, Evaluation, Resource Centers, Instructional Materials

Identifiers: State, Proposal

The system to optimize dissemination services to individuals, agencies, and institutions involved with the design, development, delivery, and evaluation of instruction will be planned and updated. After documents for the information and resource collections on vocational education have been acquired, information and resources relevant to user needs on management, design, development, and improvement of vocational education research, programs, curriculum, and instruction will be disseminated through activities designed with the staff in the research coordinating unit, Bureau of Vocational Education, other agencies supporting state vocational education goals, and local programs. The system will then be evaluated for dissemination effectiveness and user satisfaction.

000128

Competency Levels in Agricultural Mechanics Needed and Possessed by Teachers of Vocational Agriculture in Pennsylvania.

Project Director: Buriak, Philip

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9806

Funding Period: Start Date 22 Oct 79; End Date 30 Apr 80

Fiscal Year Funding: \$1,130 (Charged to FY 1979)

Descriptors: *Educational Assessment, *Vocational Education Teachers, *Agricultural Production, *Teaching Skills, Horticulture, State Surveys, Teaching Experience, Professional Training, Teaching Assignment, Agricultural Education

Identifiers: State, Proposal

A random sample of vocational agriculture instructors employed in approved agricultural mechanics, agricultural production, and horticulture programs will be surveyed by mail to determine the level or degree of competence needed and possessed by agriculture instructors in agriculture mechanics skills, abilities, and understandings; where instructors were trained; and the effect of age, high school training in vocational agriculture, college training in agriculture mechanics, years of experience teaching vocational agriculture, and type of vocational agriculture program taught. Nonrespondents will receive follow-up mailings or will be contacted directly. Study findings will be compared with the findings of Hoerner's 1968 study. Five copies of a final report will be sent to the Research Coordinating Unit.

000016

Distributive Education Clubs of America (DECA) Leadership Training and Post-High School Leadership Roles.

Project Director: Kinter, Ona K.

Organization: Butler County Area Vocational Technical School, 161 New Castle Road, Butler, PA 16001

Telephone: (412) 282-0735

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9807

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,634 (Charged to FY 1979)

Descriptors: *Distributive Education, *Youth Clubs, *Leadership Qualities, *Graduate Surveys, *Correlation, Youth Leaders, Community Leaders, Student Leadership, Citizenship Responsibility

Identifiers: *Distributive Education Clubs of America, State, Proposal

Two groups of state officers of the Pennsylvania Association of DECA who served in 1970-71 through 1973-74 and 1974-75 through

1977-78 will be surveyed by questionnaire to determine if they continued beyond high school graduation to demonstrate leadership in business, postsecondary institutions and the community; the extent to which they attribute development of leadership skills to membership in DECA; and the effects of DECA and the distributive education program on occupational understanding, civic consciousness, social intelligence, and leadership skills. The questionnaire will be validated by a jury of judges and field tested by former officers of local DECA chapters. Data will be presented in a descriptive statistical format. A final report will be delivered.

000017

Survey of Vocational School Teachers' Attitudes toward Hearing Impaired Students and Their Knowledge of Special Education Needs of These Students.

Project Director: Hoover, Bette L.

Organization: Bloomsburg State College, Main and Penn Streets, Bloomsburg, PA 17815

Telephone: (717) 389-2217

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9808

Funding Period: Start Date 19 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,565 (Charged to FY 1979)

Descriptors: *Vocational Education Teachers, *Deafness, *Inservice Teacher Education, *Educational Needs, *Teacher Attitudes, Special Education, Surveys, Hearing Impairments, Exceptional Persons

Identifiers: State, Proposal

Vocational teachers who have at least one hearing impaired student in their classes will be surveyed to determine their attitudes toward these students and their knowledge of the special educational needs of the students. Study results will determine what types of in-service programs are needed to prepare vocational educators to serve the needs of hearing impaired students. An introductory letter will be sent to vocational school superintendents explaining the study and asking for their cooperation. No criteria for age, race, religion, educational background, or experience of the teachers will be established. A final report will be produced.

000018

Relationship of Nutrition Knowledge, Attitudes and Dietary Behavior to Commitment toward Teaching Nutrition.

Project Director: Byrd-Bredbenner, Carol

Organization: Pennsylvania State University, 207 Old Main, University Park, MD 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9809

Funding Period: Start Date 01 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,970 (Charged to FY 1979)

Descriptors: *Nutrition Instruction, *Correlation, *Nutrition, *Teacher Attitudes, Home Economics, Nursing, Elementary Education, Physical Education, Eating Habits

Identifiers: State, Proposal

A random sample of six groups of students who earned bachelor's degrees from Pennsylvania State University between 1968 and 1978 in home economics, nutrition, nursing, elementary education, and health and physical education will be surveyed by mail to assess their knowledge of certain nutrition concepts, attitudes toward nutrition, and commitment to teaching nutrition and to determine the relationship that exist among these factors. A final report will be written.

000129

Study of Instructional Innovators in Home Economics Units in Higher Education Institutions.

Project Director: Marshall, Ruth

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9810

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,945 (Charged to FY 1979)

Descriptors: *Instructional Innovation, *Home Economics Teachers, *Higher Education, *Factor Analysis, *Teacher Evaluation, Q Methodology, Instructional Systems, Professional Associations, Teacher Effectiveness

Identifiers: State, Proposal

To provide an analysis of factors which foster innovativeness in the use of instructional strategies by home economics educators in higher education institutions, 500 members of the college and university section of the American Home Economics Association will be mailed a packet of research instruments including an instructional innovativeness Q-sort. Study results will facilitate planning for faculty development programs and instructional support systems by home economics administrators and professional organizations. A final report will be written.

000130

Status of Gifted Students in Vocational Agriculture Classes in the United States.

Project Director: Pandya, Himanshu

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (814) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9811

Funding Period: Start Date 30 Nov 80; End Date 30 May 80

Fiscal Year Funding: \$2,000 (Charged to FY 1979)

Descriptors: *Vocational Education Teachers, *Gifted, *Enrollment, *Graduate Surveys, *Agricultural Education, *Talent Identification, Followup Studies, Ability Identification, Cocurricular Activities, Learning Activities

Identifiers: State, Proposal

All vocational agriculture teachers in Pennsylvania and a random sample of other agricultural teachers in the U.S. will identify current enrollment of gifted students in vocational agriculture classes, methods used to identify gifted students, and availability of career awareness education and curricular and cocurricular activities. A second survey will be sent to all gifted students who graduated between 1974 and 1979 to determine their present status, and of school administrators to determine their opinions about these students. A final report will be written.

000019

Survey of Vocational Schools on the Services Available for Hearing Impaired Students.

Project Director: LeFevre, Donna

Organization: Bloomsburg State College, Main and Penn Streets, Bloomsburg, PA 17815

Telephone: (717) 389-2217

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9812

Funding Period: Start Date 19 Nov 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,564 (Charged to FY 1979)

Descriptors: *Educational Needs, *Teacher Education, *Success, *Deafness, *Special Education, School Surveys, Hearing impairments, Exceptional Persons

Identifiers: State, Proposal

Project staff will determine which services Pennsylvania vocational schools provide their hearing impaired students to ensure their vocational success, what staff training is offered, and the success of the students by surveying the superintendent of each public vocational school in which a hearing impaired student has been enrolled within the last five years. The study should result in the implementation of needed services and training for teachers working with deaf students. A final report will be delivered.

000596

Evaluation of Certain Aspects of Vocational Education Personnel Development Centers (Continuation).

Project Director: Ryan, Thomas P.

Organization: Appalachia Educational Laboratory, P.O. Box 1348, Charleston, WV 25325

Telephone: (304) 344-8371

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9813

Funding Period: Start Date 03 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$18,737 (Charged to FY 1979)

Descriptors: *Program Evaluation, *Financial Policy, *Teacher Centers, *Educational Planning, *Staff Development, Accountability, Surveys

Identifiers: State, Proposal

The second-year evaluation of the vocational education personnel development centers will provide better direction for use of funding resources, establishment of an improved rationale for administering basic funding, and an improvement in accountability for the use of these funds. Fourteen mail surveys will be conducted to provide comprehensive coverage of the populations and services included in the centers' activities. A goal of a return of forty questionnaires per institution per survey will be set. A final report will be delivered.

000604

Identifying Competencies for the Certification of Supervisors of Vocational Education in Pennsylvania.

Project Director: Drake, Donald F.

Organization: Temple University, Department of Vocational Education, 225 Ritter Annex, Philadelphia, PA 19122

Telephone: (215) 787-6028

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9814

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,984 (Charged to FY 1979)

Descriptors: *Competence, *Certification, *Supervisor Qualifications

Identifiers: State, Proposal

Competencies for certification of vocational supervisors in Pennsylvania will be identified and reviewed by certification granting agencies to develop delivery capabilities to ensure that each certified supervisor has demonstrated abilities either through course work or life experience. Chiefs of the three vocational regions will select six exemplary supervisors and three directors from each region. A final report will be delivered.

000599

Feasibility Study for "Paravetic" Competency Development of Vocational Agriculture Teachers.

Project Director: Evans, Donald E.

Organization: Pennsylvania State University, University Park, PA 16802

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9815

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$4,970 (Charged to FY 1979)

Descriptors: *Veterinary Assistants, *Vocational Education Teachers, *Agricultural Education, *Feasibility Studies, *Teaching Skills, *Needs Assessment, Legal Problems, Veterinary Medicine, Secondary Education, Adult Education, Teaching Methods

Identifiers: State, Proposal

"Paravetic" competencies needed by vocational agriculture teachers to teach high school students and adults via laboratory demonstrations or supervised occupational experience projects will be identified. The appropriate methods for teaching these competencies will be identified. Practicing veterinarians and vocational agriculture teachers will review the identified competencies. An awareness and working knowledge of the legalities pertaining to the performance of paravetic competencies will be developed. A survey instrument will be designed and administered to vocational agriculture teachers to identify needed competencies. A final report will be written.

000131

Evaluation of Teacher Education Programs in Distributive Education.**Project Director:** Shorr, Eileen**Organization:** Temple University, Department of Vocational Education, RA-280, 13th and Columbia Avenue, Philadelphia, PA 19122**Telephone:** (215) 787-8381**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 83-8916**Funding Period:** Start Date 01 Feb 80; End Date 30 Jun 80**Fiscal Year Funding:** \$2,000 (Charged to FY 1979)**Descriptors:** *Distributive Education, *Teacher Education Curriculum, *Graduate Surveys, *Program Evaluation**Identifiers:** State, Proposal

The distributive education (DE) teacher education program at Temple University will be evaluated, postcollege activities of graduates will be determined, and DE teacher education curriculum relevancy and proficiency levels for future DE teachers will be increased. A model survey instrument will be developed and field tested for evaluating DE teacher education programs, and computer programs will be prepared to compile and analyze statistical reports.

000600

Implications of Selected Supervisory Techniques to the Success of Beginning Teachers of Agriculture.**Project Director:** Martin, Robert A.**Organization:** Pennsylvania State University, 207 Old Main Building, University Park, PA 16802**Telephone:** (814) 865-6331**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 83-9817**Funding Period:** Start Date 01 Jan 80; End Date 30 Jun 80**Fiscal Year Funding:** \$2,000 (Charged to FY 1979)**Descriptors:** *Agricultural Education, *Teacher Supervision, *Supervisory Methods, *Student Evaluation, *Beginning Teachers, *Evaluation Methods, Educational Objectives, Workshops, Program Effectiveness**Identifiers:** State, Proposal

A study will be conducted to determine the effectiveness of supervision of beginning agriculture teachers through a system of performance and product specifications, the effect on student achievement when beginning teachers are supervised through such a system, the extent of the need for supervisors to use supervision by objectives, and the effect on the working climate when beginning teachers are supervised using this system. A randomly selected experimental group of supervisors will participate in a two-day workshop on selected supervisory techniques, including techniques to use in an evaluation system based on performance and product specifications. The major emphasis will be to encourage teachers to set realistic and clearly stated objectives and criteria to assess student progress. Control group supervisors will be encouraged to evaluate teachers on the basis of activity specifications, teacher traits, competencies, skills, lesson plans, methods, materials used, and activities. All teachers participating will receive a specified set of materials to use in a specified area of instruction. A student achievement posttest will be given to both groups. A final report will be written.

000408

Vocational Education Needs of Handicapped Youth Research Project.**Project Director:** Toole, Patrick F.**Organization:** Central Susquehanna Intermediate Unit 16, P.O. Box 213, Lewisburg, PA 17837**Telephone:** (717) 524-4431**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 83-9818**Funding Period:** Start Date 01 Mar 80; End Date 30 Jun 80**Fiscal Year Funding:** \$40,893 (Charged to FY 1979)**Descriptors:** *Needs Assessment, *Program Evaluation,

*Disabilities, *Exceptional Persons, *Educational Needs, *Special Education, Home Instruction, Economic Development, Program Planning

Identifiers: State, Proposal

Project staff will analyze the current state of vocational preparation programs offered to handicapped students through the vocational and technical schools, home schools, and community programs. Objectives will be to expand the information base on alternative programs through researching the literature; recommend program modifications and implementation procedures; improve coordination among vocational and technical schools, special education services, and community agencies; provide technical and planning assistance and monitoring and evaluation services to demonstration projects; disseminate information to the public and other schools; survey the economic development potential for vocational education; install supporting economic development education programs in one rural and one urban setting; and evaluate and revise these programs. A final report will be delivered.

000409

Identification of Technical Middle Management Level Job Categories for Which There Is A Training Program Need.**Project Director:** Scottino, Joseph**Organization:** Gannon University, Perry Square, Erie, PA 16541**Telephone:** (814) 871-7348**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 83-9819**Funding Period:** Start Date 01 May 80; End Date 30 Jun 80**Fiscal Year Funding:** \$4,260 (Charged to FY 1979)**Descriptors:** *Technical Occupations, *Middle Management, *Certification, *Employment Opportunities, *Occupational Information, *Job Training, *Labor Needs, Postsecondary Education**Identifiers:** State, Proposal

Technical jobs for which there are no training programs, which are difficult to fill with competent trained people, for which there is a shortage of qualified applicants, and which are difficult to fill with persons who would meet affirmative action quotas will be identified. Job descriptions that can be used as a foundation for designing certificate programs to serve businesses and industries in all sections of the state will be developed. A combination of personal interviews, telephone survey, and mail questionnaire to businesses and industries will be used to identify middle management job categories for which there is a training and employment need. A final report will be delivered.

000410

Characteristics of Unemployed Youth.**Project Director:** Passmore, David Lynn**Organization:** Pennsylvania State University, Division of Occupational and Vocational Studies, University Park, PA 16802**Telephone:** (814) 865-8361**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 33-9820**Funding Period:** Start Date 01 May 80; End Date 30 Jun 80**Fiscal Year Funding:** \$4,941 (Charged to FY 1979)**Descriptors:** *Unemployment, *Disadvantaged Youth, *Profiles, *Federal Programs, Employment Problems, Educational Planning**Identifiers:** State, Proposal

A comprehensive review of the characteristics of unemployed youth will be provided. The characteristics will be classified according to demographic, educational, and social variables and a descriptive profile will be constructed. Implications from the analysis will be derived for planning federally reimbursed vocational education programs for populations with the most severe unemployment problems. Existing data will be used for the analysis. A final report will be delivered.

000605

Emerging Careers in Energy—The Northeastern Vocational Energy Education Consortium.**Project Director:** Ertel, Kenneth

Organization: University of Massachusetts, Center for Occupational Education, Amherst, MA 01003

Telephone: (413) 545-1336

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9821

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$1,600

Descriptors: *Conferences, *Energy, *Policy Formation, *Consortia, *Regional Planning

Identifiers: State, Proposal

Two representatives of each state, identified by the director of vocational education, will participate in a vocational energy education planning conference at the University of Massachusetts. One representative will be chosen for knowledge of state policy on vocational education, the other for knowledge about energy education information and issues. The representatives will act as a board of directors to make policy-oriented decisions on developing the consortium. The consortium will provide a forum for member states' informational and policy input to develop a regional plan for vocational energy education. A conference report will be published and disseminated to the cooperating states. A final report will be delivered.

000601

School Improvement in Vocational Education in Pennsylvania.

Project Director: Long, Thomas E.

Organization: 1926 Crawford Avenue, Altoona, PA 16602

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-0001

Funding Period: Start Date 01 May 80; End Date 30 Jun 80

Fiscal Year Funding: \$4,781 (Charged to FY 1979)

Descriptors: *Regional Schools, *Vocational Schools, *Feeder Patterns, *Educational Planning, *Articulation Education, *Institutional Cooperation, Long Range Planning, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

To permit area vocational and technical schools to move into the state-sponsored school improvement model, both the school improvement model and the research coordinating unit (RCU) model will be studied in depth. Their relative strengths and limitations for promoting school improvement activities will be cited. The special problems of area schools to involve sending schools in activities aimed at improving communication, articulation, problem identification, planning activities, and evaluation will be studied and a plan will be recommended for future school improvement activities. The role of potential linkers and of the RCU, intermediate units, and higher education will be cited and identified. The elements of school districts' long range plans and their relationships to vocational education delivery systems will be studied, and evaluation issues will be discussed. A final report will be prepared.

000602

Proposal to Design a Statewide System for Establishing Regional Pools of Qualified Teachers for Potential Staffing of Local Vocational Training Programs.

Project Director: Hoffman, Charles

Organization: Laventhol and Horwath, 1845 Walnut Street, Philadelphia, PA 19103

Telephone: (215) 491-1655

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9822

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$18,065 (Charged to FY 1979)

Descriptors: *Vocational Education Teachers, *Teacher Certification, *Teacher Recruitment, *Information Systems, *Incentives, Teaching Skills, Job Skills

Identifiers: State, Proposal

An information system to identify persons qualified by trade competency and teaching skills to serve as vocational education teachers will be identified. The trades' occupational market will be defined and priorities set; the trade competency level desired for vocational

and technical graduates will be defined; the trade competency and teaching skill levels required for teacher certification will be determined; certification requirements will be redefined; and increased accessibility to higher education, an incentive program to motivate entry into vocational and technical teaching, and a counseling and information program will be provided. A final report will be prepared.

003603

Emission Mechanic Training Program Implementation.

Project Director: Keyes, Erma D.

Organization: Millersville State College, Millersville, PA 17551

Telephone: (717) 872-3411

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 83-9823

Funding Period: Start Date 01 May 80; End Date 30 Jun 80

Fiscal Year Funding: \$21,000 (Charged to FY 1979)

Descriptors: *Audiovisual Instruction, *Instructional Materials, *Information Dissemination, *Auto Mechanics

Identifiers: State, Proposal

A combination training package of audiovisual and printed instructional materials developed by Creative Selling, Inc. will be purchased from the Department of Transportation for distribution to selected area vocational and technical schools. Fees collected from trainees will be used to replace the used materials for continuing the emission control training program designed to prepare mechanics for automobile inspection stations. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

000317

Evaluation of Coordinated Cooperative Education Programs in Clearfield, Fulton and Schuylkill Counties (Continuation).

Project Director: Welch, Frederick G.

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (804) 865-6331

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9813

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,976 (Charged to FY 1979)

Descriptors: *Program Evaluation, *Dropout Rate, *Student Attitudes, *Employer Attitudes, *Cooperative Education, *Youth Employment

Identifiers: State, Proposal

The second year of the countywide coordinated cooperative education programs funded by the research coordinating unit in Clearfield, Fulton, and Schuylkill counties will be evaluated specifically in terms of the effect of coordinated efforts on youth unemployment and school dropout rates. Students' attitudes will be sampled concerning placement, on-the-job supervision, theory class, and extracurricular activities. Employers' reactions will be sampled concerning program effectiveness in limiting duplication and encouraging greater participation by employers. At least three meetings will be held with each of the funded programs, during which a process will be established to evaluate individual programs and to solicit information and cooperation from the project participants. A final report will be delivered.

000606

Guidelines for Establishing Programs and Services for Displaced Homemakers.

Project Director: Towns, Kathryn

Organization: Pennsylvania State University, 207 Old Main, University Park, PA 16802

Telephone: (717) 783-6068

Sponsoring Agency: SYN70650

Contract/Control No.: 84-9812

Funding Period: Start Date 15 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,820 (Charged to FY 1979)

Descriptors: *Displaced Homemakers, *Reference Materials,

*Program Planning, *Community Services, Program Guides, Community Programs, Educational Programs, Job Training
Identifiers: State, Proposal

A publication to assist vocational education staff and community groups in providing services and programs for displaced homemakers will be prepared and disseminated. Project staff will develop a rationale for programs and services to displaced homemakers, outlines of programs, strategies for gaining employer support for hiring, model training programs, lists of funding sources, evaluation guidelines, and an annotated bibliography. In addition, the progress of displaced homemakers legislation will be monitored. Two-hundred and fifty copies of "Guidelines for Establishing Programs and Services for Displaced Homemakers" and a final report will be printed.

000411

Providing Support Services to Vocational Education Task Articulation Sites.

Project Director: Adamsky, Richard

Organization: Temple University, Room 455, Ritter Hall Addition, Philadelphia, Pa 19122

Telephone: (215) 787-6012

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,410 (Charged to FY 1979)

Descriptors: *Ancillary School Services, *Articulation Education, *Individualized Instruction, *Program Development, *Interschool Communication, *Competency Based Education, Curriculum Development, Administrator Attitudes

Identifiers: Open Entry Open Exit, State, Proposal

A base for individualized instruction and performance-based education will be established by developing a team effort mentality through group and individual meetings as well as materials review and feedback. By the end of the project, articulation sites staff will have made progress toward establishing a fully articulated curriculum and open communication channels among themselves and with the project consultant; articulation site leaders will have developed more positive feelings toward establishing open entry-open exit curricula.

000132

Experimental Program in Cooperative Education (Continuation).

Project Director: Eisentrout, Charles

Organization: Clearfield County Area Vocational-Technical School, R.R. 1, Box 5, Clearfield, PA 16830

Telephone: (814) 765-5308

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9802

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$29,753 (Charged to FY 1979)

Descriptors: *Cooperative Programs, *Educational Opportunities, *Rural To Urban Migration, *Rural Youth, *Student Placement, *Management Systems, Secondary Education, Educational Alternatives, Home Economics Education, Potential Dropouts, Information Dissemination, Needs Assessment, Program Effectiveness

Identifiers: State, Proposal

Programs to develop training opportunities for persons in sparsely populated areas and individuals migrating from farms to urban areas will result from this continuing project. A coordinated cooperative education program will be established, the centralized management record system will be maintained and all activities will be coordinated from a central office. Also, the vocational curriculum will be expanded to meet the educational requirements of students in all participating school districts, including students who may drop out of school for financial, domestic or scholastic problems and those who need an alternative form of education. Project staff will provide training in vocational areas not presently offered at the vocational-technical school or comprehensive high school. Results of the needs assessment conducted in the five participating school districts will be reviewed to determine availability of training stations and interests of students; coordinators assigned to specific geographic areas within the par-

ticipating school districts will select training stations and place students according to their occupational objectives. Cooperative education services will be expanded to include students enrolled in the home economics program at the sending schools. A systematic public information program will be developed about the cooperative education program. Will be collected continuously to evaluate program effectiveness.

000133

Implementation of a Coordinated Cooperative Education Concept in Schuylkill County (Continuation).

Project Director: Taylor, Ray L.

Organization: Schuylkill County Area Vocational-Technical School, 420 North Centre Street, Pottsville, PA 17901

Telephone: (717) 622-3350

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9803

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$37,600 (Charged to FY 1979)

Descriptors: *Cooperative Programs, *Student Placement, *Non-traditional Occupations, *Management Systems, Secondary Education, Special Programs

Identifiers: State, Proposal

A student placement system will be developed in this continuing project with emphasis on placing female students in nontraditional occupations. Project staff will further design and implement a coordinated cooperative education program for planning unit 29. The cooperative educational management system will be updated and expanded to coordinate the efforts of all existing work release programs.

To identify Schuylkill County employment needs, a countywide industrial survey data collection system will be updated. The coordinated cooperative educational program will be expanded for the vocational school, twelve public school districts, and three nonpublic schools, including special education programs for the handicapped and disadvantaged. The project will involve the placement and coordination of 100 diversified occupations students and 240 capstone students (distributive education, business education, agriculture, health, home economics, and trade and industrial education) in traditional and nontraditional areas. In addition, all cooperative education students will be assisted in selecting and developing realistic occupational goals and provide for sex equity in the cooperative program.

000134

Fulton County Cooperative Education Program (Continuation).

Project Director: Leader, Charles, A.

Organization: Central Fulton School District, East Cherry Street, McConnellsburg, PA 17235

Telephone: (717) 485-3135

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$33,950 (Charged to FY 1979)

Descriptors: *Cooperative Programs, *Student Placement, *Management Systems, Program Effectiveness, Exceptional Persons, Disadvantaged Youth, Secondary Education

Identifiers: State, Proposal

Program effectiveness will continue to be evaluated, and the career exploration program and intermediate cooperative program will be implemented for disadvantaged and handicapped students. Co-op students will be placed in training stations with an employer in either capstone or diversified occupations (distributing, business, agriculture, health, home economics, or trade and industry) and will perform related class work in accounting, agricultural production, building trades, secretarial/stenographic, electrical trades, food service, and mechanics at the three comprehensive high schools comprising the Fulton County program. It is expected that by participating in the program students will learn about the world of work, exhibit increased academic achievement, and improve in school attendance.

000135

Task-Level Articulation: Secondary and Postsecondary Voca-

tional Education Programs (Continuation).

Project Director: Corwin, Luene
Organization: Williamsport Area Community College, 1005 West Third Street, Williamsport, PA 17701
Telephone: (717) 326-3761
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract/Control No.: 84-9809
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$24,910 (Charged to FY 1979)
Descriptors: *Articulation Program, *Task Analysis, *Welding, *Carpenters, *Electrical Occupations, *Interinstitutional Cooperation, Postsecondary Education, Job Skills, Secondary Education, Student Records, Standards, Competency Based Education
Identifiers: State, Proposal

Initial steps in developing the task-level articulation model for the occupational program clusters (electrical, welding, and carpentry trades) on which work was begun the previous year will continue to be implemented and evaluated. Three occupational areas will be added. Basic procedures will involve meetings between secondary and postsecondary teachers to develop a common task list of competencies required on the job, using validated lists such as Vocational-Technical Education Consortium of States catalogs, advisory committee recommendations, and other resources. Competency standards will be written and agreed upon. Records of student mastery will be kept and used when the student moves from one level to the next to avoid duplication of learning and to facilitate the transition from school to work. The actual articulation process will be pilot tested and evaluated with students entering postsecondary programs for which initial steps of the model have been completed. A report on the model, its implementation at Williamsport Area Community College and its adaptability to other institutions will be prepared and disseminated.

000136**Teacher In-service Workshop for Metric Measurement.**

Project Director: Retort, Edmund
Organization: Mohawk Area School District, Bessemer, PA 16112
Telephone: (412) 667-7782
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract/Control No.: 84-9801
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$1,817 (Charged to FY 1979)
Descriptors: *Inservice Teacher Education, *Teaching Methods, *Metric System, *Learning Modules, *Instructional Materials, *Material Development, Vocational Education Teachers
Identifiers: State, Proposal

Teaching staff will be provided with a working knowledge of the metric system as it applies to their individual laboratories through the use of a metric instructional package developed by the National Center for Research in Vocational Education at Ohio State University. Project staff will hold a two-day in-service workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials, and provide training in using metrics in the classroom. Metric instructional packages will be developed for each vocational program, and classroom instruction will be provided to assist students in obtaining an acceptable level of performance in metric measurement. A staff member will provide leadership at the local level and will plan the workshop, provide assistance to teachers during implementation, and collect data for reporting project impact.

000243**Integrating Industrial Arts into a Planned Program of Vocational Education at the Senior High School (Continuation).**

Project Director: Layman, Ralph M.
Organization: Lancaster County Area Vocational-Technical School, 1730 Hans Herr Drive, Willow Street, PA 17584
Telephone: (717) 464-2771
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract/Control No.: 84-9805
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$44,476 (Charged to FY 1979)

Descriptors: *Industrial Arts, *Articulation Education, *Coordination, *Cooperative Programs, Junior High Schools, Senior High Schools, Student Placement, Program Development
Identifiers: State, Proposal

A coordinated industrial arts curriculum model for junior and senior high schools will be developed and articulated into the vocational and technical curriculum. The program will be piloted in selected home schools and area vocational and technical schools. Competencies learned in industrial arts will be used as entry skills into a specialized vocational course, thus giving the student a better chance to succeed. A final report will be delivered.

000315**Workshop for Area Vocational-Technical Schools (AVTS): Transition Plans, Section 504.**

Project Director: Smith, Curvin C.
Organization: Associated Educational Consultants, Inc., McKnight and Pine Creeks Roads, P.O. Box 15073, Pittsburgh, PA 15237
Telephone: (412) 931-2244
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract/Control No.: 84-9810
Funding Period: Start Date 01 Sep 79; End Date 31 Dec 79
Fiscal Year Funding: \$3,780 (Charged to FY 1979)
Descriptors: *Workshops, *Federal Legislation, *Administrators, *Accessibility For Disabled, *Educational Facilities Planning, *Management Development, Area Vocational Schools, Guidelines, Exceptional Person, Coordination, Agency Cooperation
Identifiers: State, Proposal

The Associated Educational Consultants, Inc. will participate in three regional workshops to be held at AVTSs selected by the research coordinating unit. The evaluation reports on building accessibility, conducted in 1978, will be reviewed, and three AVTSs will be recommended for workshop sites. Planning sessions for the workshop will be held and liaison with appropriate state officers and members of the federal office of civil rights will be established. With these representatives, directions for the completion of transition plans and then a model for the plans will be developed. The workshop will train local administrators in planning effective transitions for accommodating handicapped students in vocational programs to meet the federal guidelines for accessibility of facilities. A final report will be made to the research coordinating unit.

000412**Task-Level Articulation Project between the Community College of Allegheny County College Center North, and Parkway West Area Vocational-Technical Schools (AVTS) (Continuation).**

Project Director: Whitworth, Larry L.
Organization: Allegheny County Community College, 1130 Perry Highway, Pittsburgh, PA 15237
Telephone: (412) 366-7000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract/Control No.: 84-9807
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$24,980 (Charged to FY 1979)
Descriptors: *Competency Based Education, *Articulation Education, *Welding, *Job Skills, Heating, Air Conditioning, Community Colleges, Criterion Referenced Tests, Task Analysis, Educational Strategies, Inservice Teacher Education, Postsecondary Education, Job Analysis, Curriculum Evaluation
Identifiers: State, Proposal

To produce competency-based welding instruction and continue task articulation, the welding program at College Center North will be articulated with the metal fabrication program at Parkway West. Performance objectives, criterion-referenced measures, and performance guides from the Vocational-Technical Education Consortium of States catalog will be coordinated with tasks and duties required in area industry as identified through task analyses. Additional required objectives, measures, and guides based upon specialized industrial

needs will be developed. Inappropriate competencies in the Parkway West metal fabrication program or those in need of revision will be determined. The welding task-level articulation committee will sort the tasks and duties, determine a level of hierarchy for the competencies identified, and order them accordingly. Further task level articulation at the respective schools will occur among the heating and air conditioning programs. Audiovisual and resource materials for use in the articulated programs will be reviewed, purchased, and constructed; training in methods of implementing articulated competency-based curricula will be provided for College Center North and Parkway West faculty members. A final report will be delivered.

000312

Task-Level Articulation between Secondary and Postsecondary Vocational Programs in Electronics Technology (Continuation).

Project Director: Glass, Ronald J.

Organization: Lehigh County Community College, 2370 Main Street, Schnecksville, PA 18078

Telephone: (215) 799-1141

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9804

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,720 (Charged to FY 1979)

Descriptors: *Articulation Education, *Electronics, *Task Analysis, *Electronic Technicians, *Institutional Cooperation, Advanced Placement, Postsecondary education, Junior Colleges, Area Vocational Schools, Secondary Education, Competency Based Education

Identifiers: State, Proposal

The articulation process in electronics technology between the Lehigh County Area Vocational Technical School and Lehigh County Community College will be refined through compilation and validation of a comprehensive task list by advisory committees using a mail-in survey; performance objectives for each task, learning objectives, and evaluation techniques will also be developed. Applicants for admission who have an electronics background will be given the opportunity to apply for advanced placement in the open entry-open exit program. Project personnel will use the articulation in mechanical technology, civil technology, data processing, retail management, indoor environmental technology, automotive technology, allied health fields, and secretarial science at Lehigh County Community College.

000413

Articulation between Secondary and Postsecondary Vocational Programs (Continuation).

Project Director: Marciniak, Theresa

Organization: Reading Area Community College, Box 1706, Reading, PA 19603

Telephone: (215) 372-4721

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9808

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$24,999 (Charged to FY 1979)

Descriptors: *Articulation Education, *Secretaries, *Evaluation Criteria, *Competency Based Education, Educational Strategies, Learning Activities, Postsecondary Education, Community Colleges, Secondary Education, Task Analysis

Identifiers: State, Proposal

A model competency-based program in executive, legal, and medical secretarial science which can be replicated in other colleges will be provided. Performance standards, evaluation criteria, performance guides and resource needs for each task, and learning activities will be identified, developed, or designed by researching competency-based criteria and Vocational Technical Education Consortium of States materials, which will be compiled and rewritten for secretarial employment. A strategy for initiating the program will be delineated, and articulation agreements will be developed. Additional competency-based materials and testing instruments will be developed as needed for the secretarial specialty courses.

000607

Competency-Based Vocational Education Orientation and Implementation for Professional Staff.

Project Director: Hughes, Merrill I.

Organization: Delaware County I.U. 25, State Building, Sixth and Olive Streets, Media, PA 19063

Telephone: (215) 565-4880

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9814

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$44,650 (Charged to FY 1979)

Descriptors: *Competency Based Education, *Inservice Teacher Education, *Instructional Materials, *Criterion Referenced Tests, Sex Stereotypes

Identifiers: State, Proposal

Twenty-five continuing teachers will participate in two sessions of three hours each to develop a model criterion-referenced measure by occupational cluster. Ten new staff members will be introduced to and provided opportunities to develop skills in competency-based vocational education. The introduction will include developing materials and learning sequences which can be used with students who have widely varying abilities and sensitizing staff members to sexually biased materials. A final report will be written.

000608

In-service Training for Competency-Based Vocational Education (Continuation).

Project Director: Fisk, H. William

Organization: Berks Area Vocational-Technical School, 2900 St. Lawrence Avenue, Reading, PA 19606

Telephone: (215) 779-7111

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9815

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$22,321 (Charged to FY 1979)

Descriptors: *Competency Based Education, *Vocational Education Teachers, *Inservice Teacher Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship

Identifiers: State, Proposal

Instructors will receive in-service training in planning, developing, and integrating competency-based materials into their programs and in pilot-testing and managing such a system. Modules for specific units of instruction will be prepared and pilot tested to determine if instructors have developed necessary skills. Sources for ready-made competency-based materials will be identified. Instructors also will be assisted in involving craft advisory committees in materials development. A final report will be written.

000609

Curriculum Coordinator Program.

Project Director: Motter, Glenn E.

Organization: Harrisburg Steelton-Highspire Area Vocational-Technical School, 2915 North Third Street, Harrisburg, PA 17110

Telephone: (717) 234-2611

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 84-9816

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$9,353 (Charged to FY 1979)

Descriptors: *Competency Based Education, *Instructional Materials, *School Business Relationship, *Inservice Teacher Education, Curriculum Development

Identifiers: State, Proposal

To implement competency-based vocational education locally, new instructors will receive inservice training, the curriculum coordinator will review all courses of study, and curriculum materials will be introduced to instructors and reviewed with craft committees. Regular meetings with students, employers, craft committees, and instructors will be held to continuously update and improve the curriculum. A final report will be delivered.

000137

Competency-Based Education.**Project Director:** Silkman, William R.**Organization:** Erie County Area Vocational Technical Schools, 8300 Oliver Road, Erie, PA 16509**Telephone:** (814) 864-0541**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9817**Funding Period:** Start Date 01 Sep 79**Fiscal Year Funding:** \$45,561 (Charged to FY 1979)**Descriptors:** *Articulation Program, *Competency Based Education, *Staff Development, Individualized Instruction, Secondary Education, Postsecondary Education, Inservice Education, Adult Education, Program Development, School Business Relationship**Identifiers:** State, Proposal

A competency-based program, involving craft committees and in-service education for staff and administration, will be developed and implemented. The program will focus on developing the needed skills to manage the program and services, and also will include an individualized instructional program for students based on their career choice, open entry-open exit for both secondary and adult students, and opportunity to move from one instructional program to another secondary or postsecondary program. Prospective employers will be provided with documentation of each student's skills, and a formal system using industry representatives to update course content annually will be established. A final report will be delivered.

000286

Special Program Improvement.**Project Director:** Downs, William C.**Organization:** Central Westmoreland Area Vocational-Technical School, RD 1, Arona Road, New Stanton, PA 15672**Telephone:** (412) 925-3532**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9818**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$21,757 (Charged to FY 1979)**Descriptors:** *Competency Based Education, *Instructional Materials, *Individualized Instruction, *Inservice Teacher Education, *Teacher Developed Materials, Student Records**Identifiers:** State, Proposal

A two-day in-service workshop will be held to instruct faculty on techniques and procedures for writing a competency-based curriculum. Faculty members will validate a competency list for their course with the aid of a craft committee; write performance objectives for all competencies; design and write learning activities, using a variety of methods which are personalized, self-paced, contain appropriate evaluations of achievement, and are adaptable for the entire range of students' abilities. With a facilitator's help, the faculty will implement learning activities as they are developed; and develop and maintain individual student records. A final report will be written.

000285

School Improvement Plan for Competency-Based Instruction (CBI).**Project Director:** Vallone, Joseph J.**Organization:** Upper Bucks County Area Vocational-Technical School, RR 2, Box 207, Perkasie, PA 18944**Telephone:** (215) 795-2911**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9819**Funding Period:** Start Date 01 Jan 80; End Date 30 Jun 80**Fiscal Year Funding:** \$17,329 (Charged to FY 1979)**Descriptors:** *Competency Based Education, *Individualized Instruction, *Articulation Education, Secondary Education, Adult Students, Open Education, Postsecondary Education**Identifiers:** State, Proposal

To provide as many students as possible, in as many programs as possible, with competency-based curriculum, an individualized instructional program based on students' informed career choices will

be developed, including open entry-open exit for both secondary and adult students. Students will have the opportunity to move from one instructional program to another, either secondary or postsecondary, without penalty or repetition of skills already learned. Prospective employers will be provided with documentation of skills, and course content will be updated monthly. A final report will be written.

000234

Dissemination of Technological Updating Materials for Instructors of Electronic Programs.**Project Director:** Welch, Frederick G.**Organization:** Pennsylvania State University, 207 Old Main, University Park, PA 16802**Telephone:** (814) 865-6331**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9820**Funding Period:** Start Date 01 Apr 80; End Date 30 Jun 80**Fiscal Year Funding:** \$5,676 (Charged to FY 1979)**Descriptors:** *Videotape Recordings, *Electronics, *Inservice Teacher Education, *Audiovisual Instruction, Secondary Education, Vocational Education Teachers, Instructional Materials**Identifiers:** State, Proposal

Twenty-two hours of video recordings will be edited into twelve hours of concise instructional programs for use in local high schools to update and renew the occupational competencies of electronics instructors. The edited videotapes and associated printed materials will be packaged; one copy will be distributed to VEIN, and one copy will be retained at Pennsylvania State University. Schools will be encouraged to duplicate the materials for their permanent use. The materials also will be disseminated to six schools. A final report will be delivered.

000275

Dissemination of Technological Updating Materials for Instructors of Automotive Programs.**Project Director:** Welch, Frederick G.**Organization:** Pennsylvania State University, 207 Old Main, University Park, PA 16802**Telephone:** (814) 865-6331**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9821**Funding Period:** Start Date 01 Apr 80; End Date 30 Jun 80**Fiscal Year Funding:** \$5,676 (Charged to FY 1979)**Descriptors:** *Videotape Recordings, *Audiovisual Instruction, *Inservice Teacher Education, *Auto Mechanics, Vocational Education Teachers, Information Dissemination**Identifiers:** State, Proposal

Video recordings will be edited into fifteen hours of concise instructional programs to be used in local schools in in-service programs to update and renew the occupational competencies of automotive instructors. The edited packages also could be used to supplement student training. The tapes and associated printed materials will be packaged; one copy will be distributed to VEIN, and one copy will be retained at a lending library at Pennsylvania State University. All schools will be encouraged to duplicate the program for their permanent use. The materials will be disseminated to six schools through visitation. A final report will be delivered.

000274

Brochure for Preserving and Expanding Pennsylvania Industry—Pennsylvania Industry Training Service.**Project Director:** Clark, Daniel A.**Organization:** Altoona Area Vocational-Technical School, 1300 Fourth Avenue, Altoona, PA 16603**Telephone:** (814) 946-8453**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-9822**Funding Period:** Start Date 01 Apr 80; End Date 30 Jun 80**Fiscal Year Funding:** \$5,300 (Charged to FY 1979)**Descriptors:** *Pamphlets, *School Business Relationship, *Industry,

Public Relations, Publicity*Identifiers:** State, Proposal

A brochure giving reasons new industry should locate in Pennsylvania, including available natural resources, transportation facilities, and cooperative arrangements between education and industry, will be published and disseminated to expand training opportunities for vocational schools and provide additional opportunities in new technological fields. Follow up and project evaluation will be conducted. A final report will be prepared.

000624**In-service Training for Competency-Based Vocational Education.****Project Director:** Kauffman, John M.**Organization:** Carbon County Area Vocational-Technical School, 13th Street, Jim Thorpe, PA 18229**Telephone:** (717) 325-3682**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-0001**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$1,375**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Vocational Education Teachers**Identifiers:** State, Proposal

Teachers will receive in-service training for three days on competency-based instruction. Training will cover the guide to instructional planning issued by the Bureau of Vocational Education. A final report will be delivered.

000610**Solar Energy Curriculum Materials for Building Trades Instruction.****Project Director:** Paul, Dalton**Organization:** Franklin County Area Vocational-Technical School, Route 6, Chambersburg, PA 17201**Telephone:** (717) 263-9033**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 84-0002**Funding Period:** Start Date 01 Apr 80; End Date 30 Sep 80**Fiscal Year Funding:** \$5,394**Descriptors:** *Energy Conservation, *Solar Radiation, *Inservice Teacher Education, *Task Analysis, *Building Trades, *Skill Development, *Teaching Methods, Mechanics, Learning Activities, Experiential Learning**Identifiers:** State, Proposal

An in-service vocational program will be developed to update technological skills in energy development and conservation. Objectives of the program will be to identify the tasks performed by a solar energy mechanic and the tools and equipment necessary to perform these tasks; become aware of the state and national resources available for developing solar energy skills, and the theoretical concepts related to solar energy application; and utilize practical techniques to demonstrate solar energy applications in the building trades. Participants will construct solar domestic hot water systems for use as teaching aids. A final report will be delivered.

Curriculum Development (Sec. 133)**000611****Vocational-Technical Education Consortium of States (V-TECS) Membership (Continuation).****Project Director:** Eaddy, K. M.**Organization:** Southern Association of Colleges and Schools, 795 Peachtree Street, NE, Atlanta, GA 30306**Telephone:** (404) 875-8011**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9802**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000 (Charged to FY 1979)**Descriptors:** *In service Teacher Education, *Competency Based Education, Material Development, Preservice Education, Research Coordinating Units, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal, *Vocational-Technical Education Consortium States

Continuation of this project is expected to minimize duplication, facilitate sharing of research and development in defining valid curriculum content, promote performance-based instruction, and improve overall accountability. A comprehensive preservice and inservice teacher education program concerning the proper use of V-TECS materials and a statewide dissemination plan for the finished products will be developed. The research coordinating unit will plan, coordinate, and monitor the development of agreed upon catalogs for V-TECS; it will approve major steps for each specified task and be responsible for activities assigned by the V-TECS board of directors.

000612**In-service Training for Competency-Based Vocational Education.****Project Director:** Downs, William C.**Organization:** Central Westmoreland Area Vocational-Technical School, R D 1, Arona Road, New Stanton, PA 15672**Telephone:** (412) 925-3332**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9818**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$5,125 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifiers:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluation, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000613**In-service Training for Competency-Based Vocational Education.****Project Director:** Drake, Donald F.**Organization:** Monroe County Area Vocational-Technical School, P O Box 66, Bartonsville, PA 18321**Telephone:** (717) 629-2001**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9809**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,225 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, *Vocational Education Teachers, School Community Relationship**Identifiers:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000614

In-service Training for Competency-Based Vocational Education.**Project Director:** Fisk, H. William**Organization:** Berks Area Vocational-Technical School, 2900 St. Lawrence Avenue, Reading PA 19606**Telephone:** (215) 779-7111**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9807**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$8,625 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifier:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000615

In-service Training for Competency-Based Vocational Education.**Project Director:** Horst, Earl L.**Organization:** Lebanon County Area Vocational-Technical School, 833 Metro Drive, Lebanon, PA 17043**Telephone:** (717) 273-8551**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9812**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$5,215 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifier:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000616

In-service Training for Competency-Based Vocational Education.**Project Director:** Kifer, Robert H.**Organization:** Greater Johnstown Area Vocational-Technical School, 453 Schoolhouse Road, Johnstown, PA 15904**Telephone:** (814) 266-6073**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9813**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,233 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifier:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000617

In-service Training for Competency-Based Vocational Education.**Project Director:** Lange, George L.**Organization:** Forbes Road East Area Vocational-Technical School, Beatty and Cooper Roads, Monroeville, PA 15146**Telephone:** (412) 373-8100**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9816**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$6,125 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifier:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000618

In-service Training for Competency-Based Vocational Education.**Project Director:** Layman, Ralph M.**Organization:** Lancaster County Area Vocational-Technical School, 1730 Hans Herr Drive, Willow Street, PA 17584**Telephone:** (717) 464-2771**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9811**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$6,750 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers**Identifier:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000619

In-service Training for Competency-Based Vocational Education.**Project Director:** Muzzi, Robert D.**Organization:** Lackawanna County Area Vocational-Technical School, 120 Monahan Avenue, Dunmore, PA 18512

Telephone: (717) 344-9212

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9808

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,494 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000620

In-service Training for Competency-Based Vocational Education.

Project Director: Nicklow, Everett E.

Organization: Somerset County Area Vocational-Technical School, R D 5, Vo-Tech Road, Somerset, PA 15301

Telephone: (814) 443-3651

Sponsoring Agency: SYN7650

Contract/Control No.: 85-9814

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,250 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000621

In-service Training for Competency-Based Vocational Education.

Project Director: Pandolph, Eugene J.

Organization: A. W. Beattie Area Vocational-Technical School, 9600 Babcock Boulevard, Allison Park, PA 15101

Telephone: (412) 366-2800

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9806

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their

future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000622

In-service Training for Competency-Based Vocational Education.

Project Director: Waldman, Norman W.

Organization: Greene County Area Vocational-Technical School, R D 2, P O Box 40, Waynesburg, PA 15370

Telephone: (412) 627-3106

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9817

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,075 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Relationship, Vocational Education Teachers

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000623

In-service Training for Competency-Based Vocational Education.

Project Director: Zarichansky, Nicholas

Organization: Northern Westmoreland Area Vocational-Technical School, Stevenson Boulevard, New Kensington, PA 15068

Telephone: (412) 335-9389

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9813

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,125 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Instructional Materials, *Teacher Developed Materials, School Community Cooperation, Vocational Education Teachers

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Project staff will write self-paced learning activities that contain meaningful evaluations, and will maintain accountability records indicating student progress. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries consider necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. A final report will be delivered.

000614

Adaptive Vocational Program for Trainable Mentally Retarded (TMR) Youngsters (Continuation).

Project Director: Pilker, Henry F.

Organization: City of Erie State Department, 1511 Peach Street, Erie, PA 16501

Telephone: (814) 871-6371

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0002

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,960

Descriptor: *Individualized Programs, *Student Placement, *Hans-

dicapped Students, * *Mainstreaming, *Mental Retardation, *Special Education, Special Services, Disabilities, Skill Development

Identifiers: State, Proposal

A screening committee, composed of vocational and special education personnel, will select ten trainable mentally retarded (TMR) students who have demonstrated some type of vocational potential and assign them to a modified vocational homeroom in the technical high school. The homeroom teacher, certified in special education, the student's parents, and the vocational-special education support team will formulate IEPs based on parental, professional, and student attitudes toward the areas of vocational education that could best benefit the student. TMR students will be placed in various vocational shops for a specific period of time to determine their vocational potential and to teach them everyday self-help skills. The process will allow staff to compile data on each youngster's experiences which will lead to a recommendation on the student's placement in vocational settings and also allow TMR students, other students, and regular class teachers to become acquainted with each other. A final report will be delivered.

000138

Field Testing of the Greenhouse Production Section of a Horticultural Laboratory Record Book for Pennsylvania (Continuation).

Project Director: Rhodes, Kenneth B.

Organization: Pennsylvania State University, Department of Agricultural Education, 102 Armsby Building, University Park, PA 16802

Telephone: (814) 863-0443

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0003

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,840 (Charged to FY 1979)

Descriptors: *Greenhouses, *Agricultural Production, *Units Of Study, *Horticulture, *Field Studies, *Curriculum Evaluation, Curriculum Development, Academic Achievement

Identifiers: State, Proposal

A unit of instruction on potted chrysanthemum production and the greenhouse crop production section of the horticultural recordbook for Pennsylvania will be field tested to determine if a relationship exists between the use of the unit and section and student performance. The project will contribute research data on the effectiveness of research a supervised occupational experience program conducted at the school. A final report will be delivered.

000140

Vocational-Technical Education Consortium of States (V-TECS) Catalog Development—Solar Heating Mechanic.

Project Director: Jacobs, Dan K.

Organization: Associated Educational Consultants, Inc, McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9822

Funding Period: Start Date 01 Jul 79; End Date 31 Dec 80

Fiscal Year Funding: \$2,152 (Charged to FY 1979)

Descriptors: *Behavioral Objectives, *Solar Radiation, *Task Performance, *Criterion Referenced Tests, *Competency Based Education, Occupational Surveys, Check Lists, Secondary Education, Postsecondary Education

Identifiers: Solar Heating Mechanics, *Vocational Technical Education Consortium States, State, Proposal

A second mailing of a survey to incumbent workers will be initiated to establish the validity of tasks performed by solar heating mechanics. Response booklets will be forwarded to central V-TECS in Atlanta for processing. Resulting data will be used by a writing team to complete the development of the catalog containing duties, tasks, performance objectives and performance guides.

000141

Vocational-Technical Education Consortium of States (V-TECS) Catalog—Heavy Equipment Mechanic.

Project Director: Jacobs, Dan K.

Organization: Associated Educational Consultants, Inc, McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9823

Funding Period: Start Date 01 Jul 79; End Date 31 Dec 79

Fiscal Year Funding: \$2,998 (Charged to FY 1979)

Descriptors: *Behavioral Objectives, *Task Performance, *Criterion Referenced Tests, *Competency Based Education, *Mechanics Process, Check Lists, Secondary Education, Postsecondary Education

Identifiers: *Vocational Technical Education Consortium States, Heavy Equipment Mechanics, State, Proposal

A writing team will prepare performance objectives and guides to complete the development of a V-TECS catalog for heavy equipment mechanic. The resulting material will be compiled for field review, revision, and final catalog production.

000142

Interstate Distributive Education Curriculum Consortium (IDECC) Membership (Continuation).

Project Director: Gleason, James R.

Organization: Ohio State University, 1166 Chesapeake Avenue, Columbus, OH 43210

Telephone: (614) 486-6708

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9826

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,750

Descriptors: *Consortia, *Distributive Education, *Interstate Programs, *Instructional Materials, *Educational Resources, Curriculum Development, Material Development

Identifiers: State, Proposal

Pennsylvania's membership in IDECC will be maintained to provide distributive education teacher-coordinators with access to updated IDECC materials at minimum expense. In addition to the subscription service, membership provides classroom management ideas, newly developed implementation materials, a quarterly newsletter, and general classroom supporting materials.

000143

In-service Training for Competency-Based Vocational Education.

Project Director: Risbon, Joseph

Organization: Bethlehem Area Schools, 3300 Chester Avenue, Bethlehem, PA 18017

Telephone: (215) 866-8013

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9819

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Evaluation Criteria, *Learning Modules, Educational Objectives, Curriculum Development, Student Records, Individualized Programs, Teacher Developed Materials

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Performance objectives will be written for all competencies, self-paced learning activities containing meaningful evaluations will be used, designed, and written. Accountability records of student progress will be maintained. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries deem necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials. Each instructor will be given release time to develop the materials.

000020

In-service Training for Competency-Based Vocational Education.**Project Director:** Clark, William**Organization:** V=ago County Area Vocational-Technical School, 1 Vocational-Technical Drive, Oil City, PA 16301**Telephone:** (814) 646-1267**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9820**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$1,425 (Charged to FY 1979)**Descriptors:** *Inservice Teacher Education, *Competency Based Education, *Behavioral Objectives, *Evaluation Criteria, *Learning Modules, Student Records, Curriculum Development, Individualized Programs, Teacher Developed Materials**Identifiers:** State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Performance objectives will be written for all competencies and self-paced learning activities containing meaningful evaluations will be used, designed, and written. Accountability records of student progress will be maintained. Craft committee meetings will be held with each faculty member to list competencies which the local community and industries deem necessary for their future employees. An in-service workshop will be conducted to explain and implement techniques and procedures for writing competency-based materials each instructor will be given release time to develop competency-based materials.

000144

Preparation of a Multimedia Package to Promote Positive Parental Attitudes toward Nontraditional Vocational Education (Continuation).**Project Director:** Wiles, Richard L.**Organization:** Nova Productions, Inc, 328 South Main Street, P.O. Box 870, Butler, PA 16001**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9805**Funding Period:** Start Date 01 Jul 79; End Date 31 Aug 79**Fiscal Year Funding:** \$14,406 (Charged to FY 1979)**Descriptors:** *Sex Fairness, *Multimedia Instruction, *Parent Attitudes, *Changing Attitudes, *Nondiscriminatory Education, *Teaching Guides, *Instructional Materials, Films, Equal Education, Film Production, Sex Stereotypes, Public Relations**Identifiers:** State, Proposal

A professionally executed multimedia program will be produced to increase awareness of and change attitudes about occupational sex-role stereotyping among parents of present and future students in vocational education. A fifteen-minute sound/color 16mm film, an associated trainer's guidebook, and a set of promotional materials will be developed. The program will help achieve sex fairness in vocational education, decrease the tendency make occupational choices based upon sex-role stereotyping and enhance the job satisfaction and performance possibilities for vocational education graduates.

000415

Development of Competency-Based, Individualized Instruction Modules for Business Mathematics.**Project Director:** Dye, Charles F.**Organization:** York College of Pennsylvania, Country Club Road, York, PA 17405**Telephone:** (717) 846-7788**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9803**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,688 (Charged to FY 1979)**Descriptors:** *Learning Modules, *Competency Based Teacher Education, *Business Education, *Mathematics Education, Curriculum Development, Individualized Instruction, Business Skills, Banking, Higher Education**Identifiers:** State, Proposal

To better equip the business education major to teach business mathematics in the secondary and postsecondary classroom, competency-based modules will be developed. Competencies for individualized instruction in three skill areas (simple interest, bank discounts, and bank reconciliations) will be established prior to construction of the modules. A final report will be delivered.

000416

Competency- and Field-Based Vocational Curriculum Specialist Development Program—Phase 3.**Project Director:** Cotrell, Calvin J.**Organization:** Temple University, College of Education, Broad and Montgomery Avenue, Philadelphia, PA 19122**Telephone:** (215) 787-8376**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9824**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$31,773 (Charged to FY 1979)**Descriptors:** *Internship Programs, *Vocational Education Teachers, *Teacher Education, Program Development, Leadership Training**Identifiers:** State, Proposal, *Curriculum Specialists

Ten to fifteen experienced vocational education teachers, coordinators, or supervisors who have the aptitude, interest, and professional capability to succeed as curriculum specialists will be recruited and placed in appropriate internships. Individualized advanced degree programs will be organized for each intern. Seminars of correlated leadership theory will be conducted, and field supervision for the interns will be provided. The program will be revised with the assistance of an advisory committee representative of a number of cooperating schools and university faculty. A final report will be written.

000239

Development of Directed Self-Instructional Modules to be Used in Preparing Resource Persons (Continuation).**Project Director:** Adamsky, Richard A.**Organization:** Temple University, Room 455, Ritter Hall Addition, Philadelphia, PA 19122**Telephone:** (215) 787-6012**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9825**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$33,634 (Charged to FY 1979)**Descriptors:** *Learning Modules, *Competency Based Teacher Education, *Individualized Instruction, *Resource Staff, Curriculum Development, Staff Development**Identifiers:** State, Proposal

To maintain a staff of trained resource persons, seven self-instructional modules will be developed, tested, and revised. The modules to be developed are: (1) conducting a council of educators performance review, (2) instructing others to use a video system, (3) conducting a certification and degree orientation session, (4) enrolling students in the vocational teacher education program, (5) registering students for program courses, (6) presenting the operating procedures for the field-based, competency-based teacher education program, and (7) providing administrative services. A final report will be delivered.

000417

In-service Training for Competency-Based Vocational Education.**Project Director:** Bell, James E.**Organization:** Eastern Northampton County Area Vocational Technical School, RD 1, Kesslerville Road, Easton, PA 18042**Telephone:** (215) 258-2857**Sponsoring Agency:** Pennsylvania State Dept. of Education, Harrisburg**Contract/Control No.:** 85-9810**Funding Period:** Start Date 16 Jul 79; End Date 03 Aug 79

Fiscal Year Funding: \$1,250 (Charged to FY 1979)

Descriptors: *Inservice Teacher Education, *Competency Based Education, *Learning Modules, Educational Objectives, Evaluation Criteria, Curriculum Development, Individualized Programs, Teacher Developed Materials, Student Records

Identifiers: State, Proposal

In-service training will be conducted to enable each vocational education instructor to institute competency-based programs for the 1979-80 school year. Performance objectives for all competencies will be written; self-paced learning activities contain meaningful evaluations will be used, designed, and written. Accountability records indicating student progress will be maintained.

000418

Vocational-Technical Education Consortium of States (V-TECS) Catalog Development: Medical Secretary (Continuation).

Project Director: Smith, Curvin C.

Organization: Associated Educational Consultants, McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9801

Funding Period: Start Date 01 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$27,330 (Charged to FY 1979)

Descriptors: *Behavioral Objectives, *Secretaries, *Criterion Referenced Tests, *Competency Based Education, Check Lists, Evaluation Criteria, Task Analysis, Inservice Education

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

Valid curriculum materials for vocational education programs for medical secretaries will be provided through the development of a V-TECS catalog containing duties, tasks, performance objectives, and guides and a tools and equipment list. Associated Educational Consultants, Inc. will conduct intensive training in effective use of data from the task analysis system, a domain study for catalog development, and a computer analysis of the incumbent worker survey and prepare the field review and final versions of the catalog. A final report will be delivered.

000318

Development of Instructional Materials in Anatomy and Physiology for Vocational Health Occupations (Continuation).

Project Director: Gorth, William P.

Organization: National Evaluation Systems, Inc, 30 Gatehouse Road, Amherst, MA 01002

Telephone: (413) 256-0444

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9821

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,898 (Charged to FY 1979)

Descriptors: *Learning Modules, *Anatomy, *Physiology, *Competency Based Education, *Allied Health Occupations Education, Needs Assessment, Practical Nurses, Nurses Aides, Medical Assistants, Dental Assistants, Emergency Squad Personnel, Postsecondary Education

Identifiers: State, Proposal

Competency-based instructional modules in anatomy and physiology for use in vocational education instructional programs for practical nurses, nursing assistants, medical assistants, dental assistants, and emergency medical technicians will be developed. A needs analysis of the five health occupations will be conducted and a list of instructional objectives for each module will be developed. The modules, each based on a specified instructional objective, will be validated and field tested. A final report will be written.

000625

Development of Instructional Materials in Anatomy and Physiology for Vocational Health Occupations (Continuation).

Project Director: Gorth, William P.

Organization: National Evaluation Systems, Inc, 30 Gatehouse Road, Amherst, MA 01002

Telephone: (413) 256-0444

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9821

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,898 (Charged to FY 1979)

Descriptors: *Learning Modules, *Anatomy, *Physiology, *Competency Based Education, *Allied Health Occupations Education, Practical Nurses, Nurses Aides, Medical Assistants, Dental Assistants, Emergency Squad Personnel, Postsecondary Education, Needs Assessment, Secondary Education

Identifiers: State, Proposal

Competency-based instructional modules in anatomy and physiology for use in vocational education instructional programs for practical nurses, nursing assistants, medical assistants, dental assistants, and emergency medical technicians will be developed. A needs analysis of the five health occupations will be conducted and a list of instructional objectives for each module will be developed. The modules, each based on a specified instructional objective, will be validated and field tested. A final report will be written.

000419

Vocational Education Resource Diffusion (Continuation).

Project Director: Keyes, Erna D.

Organization: Millersville State College, Stayer Research and Learning Center, Millersville, PA 17551

Telephone: (717) 872-3411

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-G001

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$82,347

Descriptors: *Instructional Materials, *Diffusion, *Competency Based Education, *Use Studies, *Research Utilization

Identifiers: State, Proposal, *Vocational Technical Education Consortium States

Diffusion activities will be employed to promote and facilitate the use of existing Vocational-Technical Education Consortium of States (V-TECS) materials and other recommended vocational education resources in preparing competency-based instruction for vocational education programs. Project staff will monitor resource use by identified target audiences and assess the impact of the diffusion process on vocational educator's acceptance and use of resources. Other variables affecting acceptance and use of resources will also be identified. Personnel at several education centers in the state will be identified, trained in resource utilization techniques, and scheduled to provide training to local education agency representatives. A final report will be delivered.

000266

Revision of Distributive Education Teacher-Coordinator's Handbook (Continuation).

Project Director: Hirshfeld, Marvin

Organization: Temple University, 287 Ritter Addition, Philadelphia, PA 19122

Telephone: (215) 787-8381

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9804

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$14,324

Descriptors: *Distributive Education Teachers, *Distributive Education, *Faculty Handbooks, *Instructor Coordinators, Preservice Teacher Education

Identifiers: State, Proposal

Descriptive Note: 14524 (Charged to FY 1979)

A handbook for use by Pennsylvania distributive education teacher-coordinators, preservice distributive education teacher training institutions, and vocational directors will be developed over an eleven-month period. The project director, coordinator, and consultants will

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

A catalog of performance objectives and guides for bakers will be produced using the procedures established in the V-TECS technical reference manual. Specific job titles to be included will also be defined. Products will include an occupational inventory, population report, and final report.

000148

Vocational-Technical Education Consortium of States (V-TECS) Catalog Development—Audiovisual Repair.

Project Director: Dargitz, Gale L.

Organization: Local Government Research Corporation, 1315 South Allen Street, State College, PA 16801

Telephone: (814) 238-3066

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Funding Period: Start Date 15 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,325

Descriptors: *Competency Based Education, *Machine Repairmen, *Behavioral Objectives, *Criterion Referenced Tests, *Task Performance, Check Lists, Secondary Education, Postsecondary Education

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

A V-TECS catalog of performance objectives and guides based on validated task analyses will be developed for audiovisual repair. A final report will be written.

000626

Auctioneering Training Certificate Program.

Project Director: Ferencz, William R.

Organization: Harrisburg Area Community College, 3300 Cameron Street Road, Harrisburg, PA 17110

Telephone: (717) 236-9533

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0007

Funding Period: Start Date 14 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$111,538

Descriptors: *Educational Certificates, *Curriculum Guides, *Instructional Materials, Postsecondary Education, Program Development

Identifiers: State, Proposal, *Auctioneering

A one-year postsecondary certificate program in auctioneering will be designed. A curriculum guide will be developed which will include tests, performance objectives and guidelines necessary to work as an auctioneer, and educational objectives to provide those skills. Course materials needed to teach specialty courses including techniques of appraisal and legal aspects of the career will be developed. A state-of-the-art review will be completed, and an occupational inventory and survey completed. A final report will be prepared.

000627

Expand the Pennsylvania Automotive Course of Study and Finalize the Course of Study Project (Continuation).

Project Director: Welch, Frederick G.

Organization: Pennsylvania State University, University Park, PA 16802

Telephone: (814) 865-8361

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0008

Funding Period: Start Date 01 Jul 80; End Date 30 Jun 80

Fiscal Year Funding: \$5,862

Descriptors: *Auto Mechanics, *Instructional Materials, Graphic Arts, Building Trades, Construction Process, Appliance Repairing

Identifiers: State, Proposal

In this continuation of project 85-8001, a writing team will revise the auto mechanics curriculum to include references to the current revisions of the Pennsylvania Inspection Manual (1978) and to emis-

review and revise the present handbook. A continuous review and validation process will be conducted until the final copy, complete with twenty to twenty-five reproducible photographs, is produced. A technical report describing the methodology and one camera-ready copy of the handbook will be produced. A final report will be written.

000145

Consortium for the Development of Professional Materials for Vocational Education Membership.

Project Director: Norton, Bob

Organization: National Center for Research in Vocational Education, Ohio State University, 1960 Kenny Road, Columbus, OH 43210

Telephone: (614) 486-3655

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9827

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,950

Descriptors: *Instructional Materials, *Administrator Education, *Budgets, *Leadership Training, *Learning Modules, *Consortia, Educational Finance

Identifiers: State, Proposal

Pennsylvania's membership in the Consortium for the Development of Professional Materials for Vocational Education will be maintained to provide administrators with access to and participation in developing and field testing modules developed by each member state during 1979-80. Pennsylvania will develop and field test a module on preparing vocational education budgets that can be used in administrator leadership development programs. Thirty copies of an undetermined number of training modules will be produced.

000146

Vocational-Technical Education Consortium States (V-TECS) Catalog Development—Dairy Farmer.

Project Director: Morton, Ray H.

Organization: Pennsylvania State University, 102 Armsby Building, University Park, PA 16802

Telephone: (814) 865-1688

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0004

Funding Period: Start Date 15 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$20,511

Descriptors: *Competency Based Education, *Dairymen, *Task Performance, *Criterion Referenced Tests, *Behavioral Objectives, Farm Occupations, Check Lists, Postsecondary Education, Agricultural Education, Secondary Education

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

A V-TECS catalog for production agriculture classes will be developed to include tasks needed to succeed as a dairy farm worker, behavioral objectives, and performance guides for each task. A list of essential tools and equipment also will be developed. A final report will be delivered.

000147

Vocational-Technical Education Consortium States (V-TECS) Catalog Development—Baker.

Project Director: Jacobs, Dan K.

Organization: Associated Education Consultants, Inc, McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237

Telephone: (412) 931-2244

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0005

Funding Period: Start Date 15 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,067

Descriptors: *Competency Based Education, *Bakery Industry, *Behavioral Objectives, *Criterion Referenced Tests, *Task Performance, Trade and Industrial Education, Occupational Home Economics, Secondary Education, Postsecondary Education

sion control standards specified in the MACVV instructional manual. Art work for the graphics arts and welding courses will be completed, submitted for review and recommendations, and revised. Materials for commercial art, building trades, building construction, and diesel mechanics and appliance repair will be revised as needed. One camera-ready copy of each of these curriculum materials will be prepared and delivered to the research coordinating unit. A final report will be delivered.

000224**Implementing Competency-Based Vocational Education: An In-Service Program for Vocational Education.**

Project Director: Holmes, Marion B. W.

Organization: Philadelphia School District, 734 Schuykill Avenue, Philadelphia, PA 19146

Telephone: (215) 299-7144

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0009

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$25,626

Descriptors: *Staff Development, *Competency Based Education, *Inservice Teacher Education, *Individualized Instruction, *Instructional Materials, Delivery Systems

Identifiers: State, Proposal

In-service staff development sessions for vocational education instructional staff will be designed, developed, and conducted to enable them to demonstrate their understandings of the concept, theories, and processes for implementing a competency-based individualized instructional delivery system and be trained to assist with future staff development sessions. Teachers will demonstrate the proper use of V-TECS materials by developing a sample instructional unit. Coordinators and department heads will be able to recognize specific competencies in a variety of fields, identify procedures to be followed in preparing competency-based instructional materials, and better relate materials to employment requirements by increasing the use of craft committees to validate program content. A final report will be delivered.

000233**Catalog of Performance Objectives and Performance Guides for Records Management Tasks.**

Project Director: Wallace, Patricia E.

Organization: 108 Signal Hill Road, Holland, PA 18966

Telephone: (215) 968-6943

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0010

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 80

Fiscal Year Funding: \$10,000

Descriptors: *Instructional Materials, *Records Forms, *Recordkeeping, *Behavioral Objectives, *Office Occupations Education, Secondary Education, Postsecondary Education, Program Design, Program Development

Identifiers: State, Proposal

A model for program design and development will be developed. Performance objectives and performance guides for a minimum of 100 records management tasks that could be included in a records management course in high schools, vocational-technical secondary schools, community and junior colleges, and four-year colleges and universities will be established. A catalog including definition of terms, equipment and tools lists, a bibliography and cross-reference tables will be completed. A final report will be delivered.

000219**Nonpublic School Students in Public Vocational Education Programs.**

Project Director: Wasdyke, Raymond G.

Organization: Educational Testing Service, Rosedale Road, Princeton, NJ 08541

Telephone: (609) 921-9000

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0011

Funding Period: Start Date 01 Mar 80; End Date 30 Jun 80

Fiscal Year Funding: \$9,498

Descriptors: *Private Schools, *Access To Education, *Educational Cooperation, *Public Education, Federal Legislation, State Legislation

Identifiers: State, Proposal

To improve nonpublic school students' access to public vocational education programs, factors that relate to their access will be identified and documented. Procedures to facilitate such participation will be developed, and guidelines to assist state and local education agencies in implementing cooperative arrangements between public and nonpublic sectors will be prepared. Current federal and state legislation, rules and regulations, and codes and guidelines will be reviewed and analyzed. Onsite visits will be made to selected vocational programs to identify exemplary cooperative arrangements. A project advisory committee including state and local nonpublic and public educators will be established. A final report will be delivered.

000218**Determining the Transferability of the 916 Materials to Pennsylvania Vocational Education—A Pilot Study.**

Project Director: Adamsky, Richard A.

Organization: Temple University, Department of Vocational Education, Room 455, Ritter Hall Addition, Philadelphia, PA 19122

Telephone: (215) 787-6012

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 93-0012

Funding Period: Start Date 01 Apr 80; End Date 30 Jun 80

Fiscal Year Funding: \$9,000

Descriptors: *Competency Based Education, *Material Development, *Vocational Education Teachers, *Individualized Instruction, *Staff Development, *Program Development

Identifiers: State, Proposal

A model program designed to help local vocational teachers try competency-based education (CBE) will be developed and tested. Local institutions and vocational teachers in school interested in trying CBE will be identified. Materials to facilitate individualized instruction will be purchased or developed. A system to promote individualized instruction and a staff development program will be designed. The program will be evaluated, and a final report will be delivered.

000628**Minicomputers for the Building Trades.**

Project Director: Peters, Ernest L.

Organization: West Chester State College, West Chester, PA 19380

Telephone: (215) 436-2833

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

Contract/Control No.: 85-9828

Funding Period: Start Date 24 Mar 80; End Date 30 Jun 80

Fiscal Year Funding: \$37,566 (Charged to FY 1979)

Descriptors: *Minicomputers, *Construction Process, *Instructional Materials, *Building Trades, Facility Improvement, Curriculum Design, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Curriculum materials will be developed to show how facility management system techniques utilizing minicomputers may be used in new construction and renovation. Staff will explain how to install computer systems to operate effectively for a range of demands, to identify potential difficulties in hardware and software, and to explain how computers operate and the economic value of their use in facility management. The materials will be developed based on standards and needs identified by builders, manufacturers, and consumers. The project will benefit students in the building trades program by providing them with an understanding of how computers can be used in the home and for marketing products. A final report will be delivered.

SOUTH CAROLINA

Research (Sec. 131)

001609

South Carolina Trade and Industrial Educators Needs Assessment.

Organization: National Evaluation Systems, Inc, 30 Gatehouse Road, Amherst, MA 01002

Telephone: (413) 256-0444

Sponsoring Agency: UZ080311

Funding Period: Start Date 30 Nov 79; End Date 30 Apr 80

Fiscal Year Funding: \$31,800

Descriptors: *Teacher Education, *Teaching Skills, *Trade and Industrial Teachers, *Staff Development, Surveys, Teacher Certification

Identifier: State, Proposal

A study will be conducted to determine the trade and industrial educator's training and professional development needs. Project staff will conduct a survey to determine teachers' and administrators' perceptions of those skills needed by teachers to perform their functions and the skills acquired by teachers in the process of becoming certified as trade and industrial instructors. The survey also will indicate areas in which teachers perceive a need to update their skills and possible measures to accomplish this. A final report and an oral presentation will be delivered.

001610

South Carolina Job Placement Services Effectiveness Study.

Organization: National Evaluation System, Inc, 30 Gatehouse Road, Amherst, MA 02001

Telephone: (413) 256-0444

Sponsoring Agency: UZ080311

Funding Period: Start Date 30 Nov 79; End Date 30 Apr 80

Fiscal Year Funding: \$22,950

Descriptors: *Employment Services, *Job Placement, *Program Effectiveness, High School Students, Adult Students, Sex Bias

Identifier: State, Proposal

A survey will be conducted to determine the effectiveness of job placement services provided to adult and secondary vocational students in the high schools and area vocational centers, to identify traits of successful or effective placement service programs, and to identify efforts made by schools to overcome sex biases. Survey results will be disseminated.

001702

Sex Equity Data Analysis.

Project Director: Reynolds, Amelia B.

Organization: Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201

Telephone: (803) 758-2358

Sponsoring Agency: South Carolina State Dept. of Education, Columbia

Funding Period: Start Date 01 Feb 80; End Date 30 Nov 80

Fiscal Year Funding: \$1,000

Descriptors: *Sex Fairness, *Data Analysis, *Teachers, *Enrollment, Secondary Education

Identifier: State, Proposal

To document sex equity procedures and identify areas needing improvement, data from 1975 to 1980 concerning enrollment in all secondary vocational education courses, teaching staff distribution, and completion and placement rates will be analyzed by sex. BEDS, MIU, and Vocational Education Data Systems will supply the data. A report describing the results by school district and state summaries will be prepared and presented to the sex equity consultant.

001703

South Carolina Office of Vocational Education Mission Study.

Project Director: Smoak, Maria G.

Organization: Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201

Telephone: (803) 758-2358

Sponsoring Agency: South Carolina State Dept. of Education, Columbia

Funding Period: Start Date 01 Sep 79; End Date 31 Mar 80

Fiscal Year Funding: \$500

Descriptors: *Needs Assessment, *Educational Administration, Educational Improvement, Secondary Education

Identifier: State, Proposal

Needs related to each of the Office of Vocational Education's (OVE) functional goals (leadership, management, service, regulatory) will be assessed by those directly involved with the administration and implementation of vocational education (AVC directors, high school principals, and OVE professional staff). An instrument will be designed using objectives stated in the 1979 state plan and sent to OVE staff. A second instrument will be designed based on results of the staff survey and sent to all AVC directors and high school principals. Results will be used by OVE staff to maintain, modify, or improve the level of performance. A final report will be delivered.

001704

Vocational Facility Construction Application.

Project Director: Morrison, Gregory G.

Organization: Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201

Telephone: (803) 758-2358

Sponsoring Agency: South Carolina State Dept. of Education, Columbia

Funding Period: Start Date 01 Sep 79; End Date 30 Nov 80

Fiscal Year Funding: \$500

Descriptors: *Educational Finance, *Educational Facilities Improvement, *Construction Needs, Program Proposals, Criteria Methods, Educational Administration

Identifier: State, Proposal

An application and processing procedures will be developed for local education agencies seeking funds through the state general assembly for the construction, renovation, or expansion of vocational facilities. Results should include a more effective and efficient process for applying, reviewing, and approving construction funds and more effective state-level decision making.

001705

Equipment Application Packet.

Project Director: Morrison, Gregory G.

Organization: Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201

Telephone: (803) 758-2358

Sponsoring Agency: UZ080311

Funding Period: Start Date 01 Jul 79; End Date 30 Sep 79

Fiscal Year Funding: \$500

Descriptors: *Educational Finance, *Educational Equipment, *Educational Administration, Criteria, Methods, Program Proposals

Identifier: State, Proposal

An application packet will be developed for use by local education agencies in requesting funds for purchasing vocational equipment and processing procedures and review criteria will be established for use by the state department of education in judging the appropriateness of such requests. Results should include a more effective and efficient process for applying, reviewing, and approving equipment funded and more effective state-level decision making.

001706**South Carolina Office of Vocational Education Staff Development Needs Assessment.****Project Director:** Smoak, Maria G.**Organization:** Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201**Telephone:** (803) 758-2358**Sponsoring Agency:** UZ000311**Funding Period:** Start Date 01 Aug 79; End Date 31 Dec 79**Fiscal Year Funding:** \$300**Descriptors:** *Staff Development, *Needs Assessment**Identifiers:** State, Proposal

The Office of Vocational Education professional staff will be surveyed to identify staff development needs, whether there is a demand for staff development activities, and suggestions about the kinds of activities the staff would like to have made available. A final report will be delivered.

001707**Vital Information for Employment and Work (View) Evaluation.****Project Director:** Reynolds, Amelia B.**Organization:** Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201**Telephone:** (803) 758-2358**Sponsoring Agency:** UZ000311**Funding Period:** Start Date 01 Nov 79; End Date 30 Jun 80**Fiscal Year Funding:** \$300**Descriptors:** *Career Education, *Occupational Information, *Educational Assessments, *Surveys, *Instructional Materials**Identifiers:** State, Proposal

A mail survey instrument will be designed and sent to all VIEW coordinators to obtain their perceptions about the VIEW system (appeal to students, value, usability, and effectiveness). Results will be used to help make decisions about continued use of the VIEW system. A final report will be delivered.

001708**Public Relations Handbook for Vocational Administrators.****Project Director:** Morrison, Gregory G.**Organization:** Office of Vocational Education, Research Coordinating Unit, 1429 Senate Street, Columbia, SC 29201**Telephone:** (803) 758-2358**Sponsoring Agency:** UZ000311**Funding Period:** Start Date 01 Jul 79; End Date 30 Nov 79**Fiscal Year Funding:** \$300**Descriptors:** *Guides, *Resource Materials, *Public Relations, *School Community Relationship**Identifiers:** State, Proposal

A handbook and resource materials will be developed and distributed to enable local vocational administrators to establish an effective public relations program to obtain greater visibility for their vocational programs and create more public interest in vocational education. The handbook will be mailed to all vocational center directors and high school principals where vocational programs are offered.

SOUTH DAKOTA

Research (Sec. 131)

001709

Management Information System.

Project Director: Bergman, William H.

Organization: University of South Dakota-Vermillion, Business Research Bureau, Patterson Hall, Vermillion, SD 57069

Telephone: (605) 677-5287

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,025

Descriptors: *Data Collection, *Educational Planning, *Followup Studies, *Educational Finance, *Occupational Information, *Management Information Systems, Data Bases, Enrollment, Accountability

Identifiers: State, Proposal

A centralized data system for program enrollment and termination information and student-employer follow-up information consistent with the Vocational Education Data System as defined by the National Center for Education Statistics will be implemented and monitored to provide planning data for vocational education. A fiscal information system for accountability reporting of occupational information to state and local planning meetings will be integrated. The Business Research Branch will collect and encode data gathered from local agencies, former students, and employers. Reports will be delivered.

001710

Research in Vocational Agriculture.

Project Director: Hanson, Clark

Organization: South Dakota State University, Agricultural Education, Harding Hall, Brookings, SD 57007

Telephone: (605) 688-4196

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$930

Descriptors: *Agricultural Education, *Teacher Shortage, *Labor Needs, *Farm Labor, *Labor Supply

Identifiers: State, Proposal

Research on the increasing shortage of vocational agriculture instructors in South Dakota will be conducted. All graduate agriculture students doing research in areas related to agricultural education and other areas will be advised. The South Dakota manpower study in agriculture will be updated and completed, and a parallel study of farm management competencies and farm labor shortages will be conducted. A final report will be delivered.

001711

Research on the Feasibility for an Apprenticeship Independent Study Program.

Project Director: Keller, James

Organization: University of South Dakota, Springfield, SD 57062

Telephone: (605) 369-2295

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 10 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,300

Descriptors: *Feasibility Studies, *Independent Study, *Apprenticeships

Identifiers: State, Proposal

The feasibility of initiating an independent study apprenticeship

program will be determined, a substantial number of apprentices who might be served will be identified, and a student monitoring system using independent study programs will be planned. The North Dakota State School of Science independent study program will be reviewed for apprenticeship occupations. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

001712

AGNET.

Project Director: Klapperich, Larry J.

Organization: Wessington Springs School District 36-2, Wessington Springs, SD 57382

Telephone: (605) 539-9391

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$1,605

Descriptors: *Computer Assisted Instruction, *Career Education, *Adult Farmer Education, *Agricultural Education, *Home Economics, *Consumer Education, Secondary Education

Identifiers: State, Proposal

Computer-assisted instruction will be used in adult farm business management and in vocational agriculture and consumer and homemaking education. The South Dakota Search and Learn Career Exploratory Program will be used with all high school students. The AGNET terminal will be tied in with the AGNET system at the University of Nebraska-Lincoln for the software instructional packages. Computer-assisted instruction will be integrated into the existing curriculum. A final report will be delivered.

001713

Adapting Curriculum, Training, and Instruction for Special Occupational Needs.

Project Director: Libis, Jim

Organization: Northwest Area School Multi-District, PO Box 72, Lemon, SD 57638

Telephone: (605) 374-5278

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 May 80; End Date 31 May 81

Fiscal Year Funding: \$38,000

Descriptors: *Disadvantaged Youth, *Disabilities, *Agency Cooperation, *Access to Education, Special Education, Coordination, Community Resources, Vocational Rehabilitation, Curriculum Development

Identifiers: State, Proposal

A model approach will be developed to provide coordinating services to special needs students through a multidistrict vocational center using vocational education programs and local school district and community resources. Disadvantaged and handicapped secondary-school-age persons enrolled or wishing to enroll in vocational education will be identified; an appropriate vocational education program, consistent with federal requirements, will be developed.

Services provided by special education, vocational education, and vocational rehabilitation will be coordinated, along with efforts of regular, vocational, and special education teachers, parents, and local support personnel to provide appropriate education. A final report will be disseminated.

001714

Curriculum Enrichment through Computer-assisted Instruction.

Project Director: Twite, Donovan
Organization: DeSmet School District, DeSmet, SD 57231
Telephone: (605) 854-3176
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre
Funding Period: Start Date 19 Nov 79; End Date 30 Jun 80
Fiscal Year Funding: \$2,000
Descriptors: *Computer Assisted Instruction, *Agricultural Education, *Consumer Education, *Home Economics, *Career Education
Identifier: State, Proposal

Computer-assisted instruction will be integrated into agricultural education and consumer and homemaking education through use of AGNET programs available at the University of Nebraska-Lincoln. The South Dakota Search and Learn program will be used as a career exploration tool for high school and adult students. Additional software will be developed by local instructors for use in vocational programs. A final report will be delivered.

001715

Exemplary Solar Energy Project.

Project Director: Ziegler, Roy
Organization: Mitchell Area Vocational-Technical School, 82 North Capitol, Mitchell, SD 57301
Telephone: (605) 996-6671
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre
Funding Period: Start Date 20 Nov 79; End Date 30 Jun 80
Fiscal Year Funding: \$3,316
Descriptors: *Energy Conservation, *Audiovisual Instruction, *Solar Radiation, *Demonstrations Educational, Secondary Education, Heating, Air Conditioning
Identifier: State, Proposal

Students will be introduced to alternate energy sources and will receive training in installation procedures and in determining the economic and conservation feasibility of alternate sources. Heating and air conditioning students will install a precollector solar unit connected to domestic water supplies in the meat cutting laboratory. Through the use of valves and metering devices, students and instructors will determine the percent of water at a predetermined temperature that can be generated through the system. Data collected will be compared to heating the same water with conventional methods. A slide series and a minicourse for the general public and a final report will be delivered.

001716

Implementation of a Secondary Multioccupational Vocational Program.

Project Director: Adams, Paul
Organization: Rapid City Area Schools, 1200 44th Street, Rapid City, SD 57701
Telephone: (605) 394-4020
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre
Funding Period: Start Date 21 Feb 80; End Date 01 Aug 80
Fiscal Year Funding: \$3,000
Descriptors: *Community Surveys, *Feasibility Studies, *Cooperative Education, *Needs Assessment, Secondary Education, Individualized Instruction
Identifier: State, Proposal

A student survey and a community interest survey will be conducted to determine the feasibility of initiating a multioccupational cooperative program as a second-year option to existing one-year high school vocational programs. If survey results indicate a need, school personnel will begin to identify individualized curriculum materials for students to use for the in-school portion of the program. A final report will be produced.

001717

Minicomputer Expansion.

Project Director: Kearney
Organization: White Lake School District 1-3, White Lake, SD 57383

Telephone: (605) 249-2251

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 10 Dec 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,500

Descriptors: *Computer Assisted Instruction, *Computer Programs, *Minicomputers, *Basic Skills, *Educationally Disadvantaged, Secondary Education

Identifier: State, Proposal

Through a cooperative arrangement with the South Dakota State Training School, existing minicomputer feasibility for computer-assisted instruction will be developed. Software packages for integration into existing vocational education programs also will be developed. In addition, educational materials in basic skills will be made available to academically disadvantaged students. A final report will be delivered.

001718

Truck and Diesel Technician Program.

Project Director: Verbeck, Bill
Organization: Western Dakota Vocational-Technical Institute, PO Box 8067, Rapid City, SD 57701
Telephone: (605) 394-4034
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre
Funding Period: Start Date 01 Jun 80; End Date 30 Jun 81
Fiscal Year Funding: \$34,267
Descriptors: *Cooperative Programs, *School Business Relationship, *On The Job Training, *Auto Mechanics, *Diesel Engines, Secondary Education
Identifier: State, Proposal, *Trucking Industry

A cooperative institutional and industry program will be developed in which students will receive theory and technical knowledge in an institutional setting and on-the-job training through internships in area truck and diesel mechanic firms. Objectives will be to develop the students' skills and basic knowledge in service trucks and trailers to standards set by industry; develop safe work habits and attitudes; acquaint students with basic state and federal regulations on trucks; provide the trucking industry with mechanics who have demonstrated ability and skills by successfully rebuilding component parts and assemblies used on heavy duty trucks; and develop students' skills and knowledge of shop procedures, finance, production and economics, mechanics certification standards, and customer relations. Students will spend an increasing amount of time on the job and less time in the classroom as the program progresses. A final report will be delivered.

Curriculum Development (Sec. 133)

001719

Curriculum Development: Minigrant to Instructors.

Project Director: McNenny, Dean
Organization: Western Dakota Vocational-Technical Institute, PO Box 120, Sturgis, SD 57785
Telephone: (605) 347-2611
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre
Funding Period: Start Date 01 Dec 79; End Date 31 Aug 80
Fiscal Year Funding: \$6,000
Descriptors: *Inservice Teacher Education, *Incentive Grants, *Teacher Developed Materials, Curriculum Development, Sex Fairness
Identifier: State, Proposal

Instructors receiving a curriculum development minigrant will attend an in-service workshop conducted by Mid-America Vocational Curriculum Consortium (MAVCC) staff. Instructors will review existing MAVCC and other curriculum materials to develop a model curriculum design and updated materials for use in all courses in a particular program that are free of sex bias and sex stereotyping. A final report will be delivered.

001720

Develop and Distribute Instructional Materials to Instructors and Students in Vocational Agricultural Programs.

Project Director: Gadda, Hilding W.

Organization: South Dakota State University, Agricultural Education, Harding Hall, Brookings, SD 57007

Telephone: (605) 688-4196

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,548

Descriptors: *Cooperative Education, *Agricultural Education, *Agribusiness, *Farm Management, *Guides, *Pamphlets, Work Experience Programs, Secondary Education

Identifiers: State, Proposal

Student guides for cooperative agribusiness and supervised occupational experience programs, teaching media for farm business management programs, and a brochure, "Guidelines for Establishing Cooperative Occupational Experience Programs in Agriculture in South Dakota," will be revised and distributed to all agriculture instructors. The agriculture education curriculum will be revised.

001721

Electronics Curriculum Updating.

Project Director: McNenny, Dean

Organization: Western Dakota Vocational-Technical Institute, PO Box 120, Sturgis, SD 57785

Telephone: (605) 347-2611

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Feb 80; End Date 31 Aug 80

Fiscal Year Funding: \$4,466

Descriptors: *Electronics, *Microcomputers, *Instructional Materials, Curriculum Development, Secondary Education

Identifiers: State, Proposal

The electronics curriculum will be updated to include microcomputer processing. Electronics staff will participate in a curriculum development workshop by the Mid-America Vocational Curriculum consortium staff, review existing materials, and develop and integrate microcomputer instruction into existing curriculum. A final report will be delivered.

001722

Energy Consortium Contract.

Project Director: Zancanella, Jim

Organization: University of Wyoming, Department of Vocational Education, Laramie, WY 82071

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,000

Descriptors: *Consortia, *Energy, *Data Collection, Elementary Secondary Education, Adult Education, Surveys

Identifiers: State, Proposal, *Emerging Occupations

A matrix of energy-related curriculum programs currently available in the region, kindergarten through adult, will be developed after surveying local, state, regional, and federal vocational curriculum materials and programs available. Procedures for developing vocational curriculum materials for new and emerging areas related to the development of alternative energy sources will be identified. The feasibility of establishing a regional energy information bank will be examined.

001723

In-service Workshop for Vocational Teachers on Utilization of Curriculum Materials Provided by the Mid-America Vocational Curriculum Consortium (MAVCC).

Project Director: Keller, James

Organization: University of South Dakota, Springfield, SD 57062

Telephone: (605) 369-2295

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date: 01 Apr 80; End Date 30 Sep 80

Fiscal Year Funding: \$4,936

Descriptors: *Inservice Teacher Education, *Integrated Curriculum, Instructional Materials, Workshops

Identifiers: State, Proposal, Mid America Vocational Curriculum Consortium

A two-day workshop will be held to make vocational teachers aware of the variety of curriculum materials available from the MAVCC and to train them in integrating these materials into existing programs and adapting them to local needs. A final report will be delivered.

001724

Life Skills Vocational Education.

Project Director: Pesicka, Gary

Organization: Yankton School District 63-3, Yankton, SD 57078

Telephone: (605) 665-3998

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Feb 80; End Date 31 Aug 80

Fiscal Year Funding: \$3,200

Descriptors: *Disabilities, *Reading Achievement, *Career Exploration, *Assembly Manufacturing, *Minicourses, *Individual Instruction, Secondary Education, Grade 5, Grade 7

Identifiers: State, Proposal

Individualized minigrants in five basic areas of prevocational and vocational training for students with reading levels between grades 5 and 7 will be developed. The curriculum will be applied in a new course, "On the Job Assembly Line Production," as part of a prevocational career exploratory program for handicapped students. A final report will be delivered.

001725

Mid-America Vocational Curriculum Consortium (MAVCC).

Project Director: Benson, Ann

Organization: Mid-America Vocational Curriculum Consortium, Stillwater, OK 74074

Telephone: (405) 377-2000

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Feb 80; End Date 30 Jun 81

Fiscal Year Funding: \$15,000

Descriptors: *Information Dissemination, *Instructional Materials, *Program Development, *Consortia, *Agency Cooperation, Inservice Teacher Education, Curriculum Development

Identifiers: State, Proposal, Mid America Vocational Curriculum Consortium

A comprehensive plan for disseminating materials developed and distributed by MAVCC will be developed and implemented. A preservice and in-service plan will be developed and implemented on the proper use of products produced and disseminated. A coalition of business, industry, and other private agencies and foundations will be developed to support the project. All curriculum committee meetings pertaining to curriculum development will be coordinated, and development of instructional materials identified as state priorities will be continued or begun. An annual corporate report and copies of all materials developed will be delivered.

001726

Statewide Guide for Articulating Secondary and Postsecondary Vocational Education Auto Mechanics Instruction.

Project Director: Schneck, John

Organization: University of South Dakota, Springfield, SD 57062

Telephone: (605) 369-2218

Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

Funding Period: Start Date 01 Feb 80; End Date 30 Sep 80

Fiscal Year Funding: \$5,000

Descriptors: *Guides, *Articulation Education, *Auto Mechanics, Secondary Education, Postsecondary Education, Task Analysis, Check Lists

Identifiers: State, Proposal

An articulation guide for secondary and postsecondary vocational automotive mechanics will be developed and disseminated; training in

the use of the guide will be provided to auto mechanics instructors. The automotive task list developed by the South Dakota Council of Local Administrators and automotive mechanics instructors will be validated and skill levels established.

TENNESSEE

Research (Sec. 131)

000420

Industrial Arts Excess Cost Study (Continuation).

Project Director: Dunn, Charlie M.

Organization: Middle Tennessee State University, P.O. Box 239, Murfreesboro, TN 37132

Telephone: (615) 898-2613

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID 0494

Funding Period: Start Date 03 Aug 79; End Date 28 Sep 80

Fiscal Year Funding: \$11,705 (Charged to FY 1979)

Descriptors: *Industrial Arts, *Educational Finance, *Financial Policy, Student Teacher Ratio, Advisory Committees

Identifiers: State, Proposal

A study will be conducted to determine a more equitable funding level for industrial arts programs, to make recommendations for an appropriate weighted factor and teacher-pupil ratio for industrial arts, and to consider the division of instruction between grades 7-9 and 10-12. Following a review of existing studies related to financing educational programs, preliminary recommendations will be presented to a ten-member panel of experts and revised based on their input. A final report will be delivered.

000629

Development of Alternative Training and Certification Models for Trade and Industrial and Health Occupations Instructors.

Project Director: Haskell, Roger

Organization: University of Tennessee, Division of Vocational-Technical Education, 110 Henson Hall, Knoxville, TN 37916

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID-0871

Funding Period: Start Date 01 May 80; End Date 31 Dec 80

Fiscal Year Funding: \$8,058

Descriptors: *Trade and Industrial Teachers, *Teacher Certification, *Allied Health Occupations Education, *Training Methods, *Teacher Qualifications, Models, Inservice Teacher Education, Employment Qualifications

Identifiers: State, Proposal

To review the educational and occupational qualifications of trade and industrial and health educators, project staff will develop alternative training and certification models for trade and industrial and health occupation instruction and a detailed implementation plan for each model; provide a comprehensive review and assessment of effective methodologies for the development of vocational classroom management and instructional skills, and establish a state-of-the-art relative to the certification requirements for trade and industrial and health instructors. These objectives will be accomplished in three phases. In phase 1, project staff will conduct an extensive review of literature and will make contacts with state department of education personnel and private industries as well as participate in onsite visits to exemplary training programs. Phase 2 will focus on an extensive review of certification patterns. The development of three exemplary models for training and certification of trade and industrial and health instructors will occur in phase 3. A final report will be delivered for dissemination to all state directors of vocational education.

000630

Completion of a Needs Assessment to Assist in Formulating Priorities for Program Improvement Activities in Vocational Education.

Project Director: Allan, Richard G.

Organization: National Evaluation Systems, Inc, 30 Gatehouse

Road, Amherst, MA 01002

Sponsoring Agency: Tennessee State Dept. of Education, Nashville

Contract/Control No.: FA 8747

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$28,700

Descriptors: *Needs Assessment, *Surveys, *Vocational Directors, *Educational Planning

Identifiers: State, Proposal

A survey instrument will be developed and field tested to conduct a needs assessment of key populations who deliver and administer vocational education programs in the state. Data will be reported to assist department staff in applying the data to current planning responsibilities and determining program improvement priorities. A final report containing survey findings will be delivered.

Exemplary and Innovative (Sec. 132)

000421

Counselor Renewal Program (Continuation).

Project Director: Pease, Dorothy M.

Organization: Nashville-Davidson County Metropolitan Public Schools, Nashville, TN

Telephone: (615) 259-3261

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$19,729 (Charged to FY 1979)

Descriptors: *Counselor Training, *Career Education, *Job Placement, *Counseling Services, *Vocational Development, Principals, Secondary Education, Career Counseling, Occupational Guidance, Counseling Effectiveness, School Counselors, Workshops

Identifiers: State, Proposal

Two two-day workshops will be held to provide junior and senior high school guidance counselors and principals with an orientation to vocational education, career education, and comprehensive placement programs. Participants will develop one or more products or plans, and the project director will monitor implementation of the plans in the local schools. Counselors will be pre- and posttested.

000422

Design and Implementation of an Articulated Guidance and Placement Program in Comprehensive High Schools and Vocational Centers (Continuation).

Project Director: Hugueley, James

Organization: Memphis City Schools, Memphis, TN

Telephone: (901) 353-5348

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$58,880 (Charged to FY 1979)

Descriptors: *Career Guidance, *Articulation Education, *Guidance Programs, *Job Placement, *Student Placement, Secondary Education, Area Vocational Schools, Comprehensive High Schools, Educational Resources, Grade 12

Identifiers: State, Proposal

To assist vocational seniors in twenty-two comprehensive high schools and vocational and technical centers, project staff will implement an occupational guidance program to ensure that a maximum number of young people articulate into continuing vocational and technical programs and in full-time jobs related to their vocational training. Staff will adapt and refine a series of readiness sessions to ensure that vocational instruction is relevant to the world of work and

will develop within students the ability to appraise their career goals in relation to their abilities, desires, and business and industry's needs. Transportable procedures and methods will be developed, and a guide will be produced.

000423

Summer Experience in Prevocational Education (Continuation).

Project Director: Colston, Henry
Organization: Hamilton County Schools, Chattanooga, TN
Telephone: (615) 757-2575
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct;
Fiscal Year Funding: \$48,565 (Charged to FY 1979)
Descriptors: *Career Education, *Summer Programs, *Prevocational Education, Occupational Information, Student Recruitment, Secondary Education, Student Interests, Safety Education
Identifiers: State, Proposal

Mathematics students will participate in a summer prevocational course to explore eight occupational areas and learn shop safety. The Ohio Vocational Interest Survey will be used to assess students; those who can best benefit from vocational programs will be identified. Each student will receive a printed program sequence for each vocational course and project courses for grades 10-12. Program completers will receive one-half credit. A final report will be delivered.

000424

Project SAVE. An Articulated Guidance and Placement Program for Handicapped Youth (Continuation).

Project Director: Miller, E. C.
Organization: Nashville-Davidson County Metropolitan Public Schools, Nashville, TN
Telephone: (615) 259-5213
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$8,995 (Charged to FY 1979)
Descriptors: *Student Placement, *Student Evaluation, *Mobile Educational Services, *Guidance Programs, *Disabilities, Vocational Aptitude, Secondary Education, Exceptional Persons
Identifiers: State, Proposal

One hundred handicapped students entering the Vocational Advancement Program in the ninth or tenth grade will be tested using the Systematic Approach to Vocational Education (SAVE) evaluation to determine vocational strengths and weaknesses, and to help with their placement in regular vocational programs and subsequently in jobs. Part-time testers will conduct the SAVE evaluation from a mobile vocational evaluation center. Reports on each student will be developed based on the SAVE test for use by teachers in course work and job placement. A manual describing procedures and instruments used or developed will be included in the final report. Workshops also will be developed.

000425

Exemplary Child Care and Guidance Program for a Second Year at Hillwood High School (Continuation).

Project Director: Hurst, Stewart Mrs
Organization: Nashville-Davidson County Metropolitan Public Schools, Nashville, TN
Telephone: (615) 259-5710
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$25,060 (Charged to FY 1979)
Descriptors: *Student Evaluation, *Basic Skills, *Child Care Occupations, *Experiential Learning, *Guidance Programs, Work Experience Programs, Employment Opportunities, Employment Qualifications, Secondary Education, Disadvantaged Youth
Identifiers: State, Proposal

The second year of this project will focus on developing evaluation procedures for assessing students' competencies as day care workers and providing information on available day care center jobs. The pro-

ject will emphasize students' achievement in vocational English, math, and reading, and knowledge and skills necessary to get a job in a day care center. Two classes of fifty-eight students will be enrolled in one two-hour block and one three-hour block of time; second year students, enrolled in the three-hour block, will participate in classroom instruction, day care experiences, and on-the-job training. A final report will be delivered.

000631

Design and Implementation of an Articulated Guidance and Placement Program in Sullivan Central and Sullivan East Comprehensive High Schools (Continuation).

Project Director: Brewer, Vaughn
Organization: Sullivan County Schools, Blountville, TN
Telephone: (615) 323-4181
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$37,450 (Charged to FY 1979)
Descriptors: *Student Evaluation, *School Business Relationship, *Career Counseling, *Job Placement, *Followup Studies, *Resource Centers, *Articulation Education, Career Guidance, Student Placement, Secondary Education, Educational Resources, High School Students
Identifiers: State, Proposal

Project staff will develop job resource centers in each comprehensive high school, a systematic continuous job placement and follow-up program for vocational guidance, and procedures to assess students for job placement. Guidance and placement personnel will work with civic, business and educational agencies; school administrators; teachers; and parents to increase the understanding and acceptance of vocational education.

000426

Exemplary Project to Design and Implement a Guidance and Placement Program at Heritage Comprehensive High School and the Blount Occupational Education Center.

Project Director: Goins, J. L.
Organization: Blount County Schools, Maryville, TN
Telephone: (615) 984-8150
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$37,450 (Charged to FY 1979)
Descriptors: *Program Development, *Career Guidance, *Job Placement, *Student Placement, Career Exploration, Secondary Education, Inservice Programs, Occupational Information
Identifiers: State, Proposal

To help ensure proper student placement in vocational education programs and provide individual assistance to students seeking jobs or additional training after high school, project staff will develop and implement effective counseling and placement programs in the nine high schools in Blount County. Other objectives include developing elementary school occupational awareness programs and occupational exploratory courses for ninth graders. Guidance counselors will be retrained during the 1978-79 school year. The vocational director and guidance and placement coordinator will work with guidance counselors, school boards, advisory committees, employers, students, and public to carry out program objectives. Products will include occupational information handbook, placement brochures, training sponsor handbook, student on-the-job handbook, and student profile sheets.

000427

Greene County Guidance Placement Program (Continuation).

Project Director: Sellers, Floyd
Organization: Greene County Schools, Greeneville, TN
Telephone: (615) 639-4194
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$30,000 (Charged to FY 1979)
Descriptors: *Job Placement, *Student Placement, *Guidance Pro-

grams, School Community Relationship, School Business Relationship, Secondary Education, Agency Cooperation, Community Resources

Identifiers: State, Proposal

A placement team composed of educators, employers, agencies and community resources will provide vocational guidance and placement services to four high schools and a vocational school. Cooperation between schools and manpower agencies will be expanded, and the school system will be committed to placing all vocational students in jobs or further schooling. The placement coordinator will work with the Tennessee Department of Employment Security, CETA, vocational rehabilitation, local employers, and other agencies. Placement will be accomplished through in-service activities, student surveys and discussions, and surveys and contacts with employers and other community members.

000428

Placement Services in Relation to the Success of Vocational Programs (Continuation).

Project Director: Graham, Clark

Organization: Rhea County Department of Education, Dayton, TN
Telephone: (615) 775-0555

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: E 79

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$26,159 (Charged to FY 1979)

Descriptors: *Job Placement, *Student Placement, *Program Evaluation, *Prevocational Education, Cooperative Education, Secondary Education

Identifiers: State, Proposal

A placement office will be established, students will receive prevocational orientation to improve placement in vocational programs, and placement data will be used to evaluate vocational programs and improve curriculum. Students will register with the placement office and have access to recognized placement services. Increased placement of graduates should establish the credibility of the Rhea County vocational programs.

000429

Request to Include Existing Guidance Counselors from Four Counties in the Development and Implementation of a Comprehensive Guidance Program in Grades 7-12 (Continuation).

Project Director: Heineman, Betsy

Organization: Clarksville-Montgomery County Schools, Clarksville, TN 37040

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: G 79

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$34,774 (Charged to FY 1979)

Descriptors: *Career Education, *Inservice Education, *Counselor Training, *Guidance Programs, Counselors, Student Placement, Needs Assessment, Evaluation Methods, Job Placement, Occupational Information, Instructional Aids, Secondary Education

Identifiers: State, Proposal

A comprehensive guidance course will be used to provide twenty-four guidance counselors from four counties with an orientation to career education emphasizing vocational and technical curricula, resources to place students in rewarding vocational programs, skills in matching employment opportunities with student interests, and a sense of their role in a comprehensive placement program. Counselors will attend classes once a month for ten months; a seven-day training session on onsite job description and an eight-day classroom session on needs assessment and evaluation also will be conducted. Products will include brochures for each vocational program, orientation slide cassettes, and a compilation of job descriptions.

000430

Alternative Vocational Education Program.

Project Director: Jackson, Jackie

Organization: Roane County Schools, Kingston, TN 37763
Telephone: (615) 882-3700

Sponsoring Agency: Tennessee State Dept. of Education, Nashville

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$33,740 (Charged to FY 1979)

Descriptors: *Educational Alternatives, *Potential Dropouts, *Delinquent Rehabilitation, *Building Trades, *Construction Process, *Skill Development, Counseling Services, Secondary Education

Identifiers: State, Proposal

A maximum of thirty students who are potential dropouts, pushouts, or in trouble with the law will participate in an alternative educational program in which they will construct a house to learn skills in the building trades. Students, who will be assigned to the program by a committee of educational and law enforcement personnel, will be placed under strict attendance requirements. They will be required to develop a salable skill and fulfill secondary school academic requirements. An onsite counselor will help students make decisions and solve problems during their enrollment period. A final report will be delivered.

000432

Alternative Vocational Education Programs.

Project Director: Jackson, Jackie

Organization: Roane County Schools, Kingston, TN 37763

Telephone: (615) 882-3700

Sponsoring Agency: Tennessee State Dept. of Education, Nashville

Funding Period: Start Date 01 Jan 80; End Date 30 Jun 80

Fiscal Year Funding: \$33,740 (Charged to FY 1979)

Descriptors: *Educational Alternatives, *Potential Dropouts, *Delinquent Rehabilitation, *Building Trades, *Construction Process, *Skill Development, Counseling Services, Secondary Education

Identifiers: State, Proposal

A maximum of thirty students who are potential dropouts, pushouts, or in trouble with the law will participate in an alternative educational program in which they will construct a house to learn skills in the building trades. Students, who will be assigned to the program by a committee of educational and law enforcement personnel, will be placed under strict attendance requirements. They will be required to develop a salable skill and fulfill secondary school academic requirements. An onsite counselor will help students make decisions and solve problems during their enrollment period. A final report will be delivered.

000431

Exemplary Program for the Articulation of High School Students in Vocational Education.

Project Director: Glascock, Jerry

Organization: Overton County Schools, 112 Bussell St. Livingston, TN 38570

Telephone: (615) 823-1287

Sponsoring Agency: Tennessee State Dept. of Education, Nashville

Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80

Fiscal Year Funding: \$24,958 (Charged to FY 1979)

Descriptors: *Comprehensive Programs, *Career Education, *Student Recruitment, *Articulation Education, *Enrollment Occupational Information, Area Vocational Schools, Counselors, Industrial Arts, School Community Relationship, School Business Relationship, Secondary Education, Publicity

Identifiers: State, Proposal

Project staff will increase student enrollment in the comprehensive vocational program by 30 percent; begin a career awareness program using guidance counselors, the industrial arts program, and the community; and more fully articulate the vocational education curriculum with the regular school program and the area vocational school. Direct contact, the media, and a brochure will be used to inform students of the program. Businesses will inform instructors and students of skills needed for employment. A final report will be delivered.

000432

Energy Awareness Seminar for Vocational Instructors in Building Trades and Heating, Air Conditioning, and Refrigeration.

Project Director: McCullough, Sheila
Organization: Energy Opportunities Consortium, P.O. Box 299, Knoxville, TN 37901
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Funding Period: Start Date 01 Jan 80; End Date 30 Sep 80
Fiscal Year Funding: \$19,770
Descriptors: *Energy Conservation, *Construction Process, *School Shops, *Building Trades, *Teacher Workshops, Vocational Education Teachers, Solar Radiation, Building Innovation
Identifiers: State, Proposal

An energy awareness seminar will be held to introduce vocational instructors to the energy conservation ethic and acquaint them with energy efficient building methods and techniques. Topics will include energy use and conservation, innovative heating and cooling techniques, energy efficient construction, and design and site selection for energy efficiency. Participants will design a plan for integrating energy education into the curriculum and for making their school shops more energy efficient. Models demonstrating solar technology, types of insulation, and other energy efficient construction will be displayed by the TVA and the Energy, Environment and Resources Center at the University of Tennessee. A final report will be written.

000433

Exemplary Program Designed to Enroll Males in Shorthand (Continuation).

Project Director: Drennan, H. Dalton
Organization: Middle Tennessee State University, Murfreesboro, TN
Telephone: (615) 898-2902
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID 0675
Funding Period: Start Date 29 Aug 79; End Date 29 May 80
Fiscal Year Funding: \$12,046 (Charged to FY 1979)
Descriptors: *Sex Stereotypes, *Office Occupations Education, *Males, *Shorthand, *Nontraditional Occupations, *Enrollment, Secondary Education, Student Attitudes
Identifiers: State, Proposal

To help reduce sex stereotyping in office education and develop a positive attitude by males toward shorthand and office education, males will first be enrolled in male-only groups, then integrated with females in shorthand classes. Project staff will develop materials for teaching shorthand which are more male-oriented, use a testing program including teacher-made and standardized tests, keep a record folder for each student including work samples and progress charts, use student and instructor evaluations, and conduct several follow-up studies of the group. Students successfully completing the program will be equipped with entry-level shorthand skills.

000633

Cooperative Programs for Improvement of Guidance Skills in Comprehensive Vocational Education (Continuation).

Project Director: Hardin, Dallas
Organization: Upper East Tennessee Educational Cooperative, East Tennessee State University, Johnson City, TN
Telephone: (615) 929-0125
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID 0710
Funding Period: Start Date 01 Oct 79; End Date 30 Sep 80
Fiscal Year Funding: \$14,821 (Charged to FY 1979)
Descriptors: *Career Guidance, *Career Counseling, *Secondary School Counselors, *Counselor Training, *School Business Relationship, *Workshops, Articulation Education
Identifiers: State, Proposal

A project task committee will be established to plan four one-day seminars and a final two-day workshop for all guidance counselors in the first district, to become more aware of comprehensive vocational and technical education and its relationship to business and industry. Community surveys will be used to determine specific series topics; participants will be pre- and posttested. An articulated curriculum plan K-Adult will be developed jointly by the counselors. Counselors will identify guidance concerns in a comprehensive high school, establish priorities for helping disadvantaged, handicapped, and gifted students, and identify qualifications necessary for business and industry apprenticeship programs.

Curriculum Development (Sec. 133)

000149

Curriculum Development and Dissemination in Parenthood Education and Family Living.

Project Director: Field, Suzanne
Organization: Shelby State Community College, Memphis, TN 38104
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0585
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$123,094 (Charged to FY 1979)
Descriptors: *Family Life Education, *Parenthood Education, *Competency Based Education, *Instructional Materials, *Articulation Program, Curriculum Development, Teaching Guides
Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in parenthood education and family living, addressing each identified concept, duty, and task, and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated, competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress, reports, and products of the project.

000150

Curriculum Development and Dissemination in Industrial Arts.

Project Director: Ledford, Bill
Organization: State Technical Institute at Memphis, 5983 Macon Cove, Memphis, TN 38134
Telephone: (901) 377-4111
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0602
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$134,162 (Charged to FY 1979)
Descriptors: *Industrial Arts, *Competency Based Education, *Instructional Materials, *Articulation Program, Curriculum Development, Teaching Guides
Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in industrial arts, addressing each identified concept, duty, and task, and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated, competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress, reports, and products of the project.

000151

Curriculum Development and Dissemination in Business Data Processing Systems Occupations.

Project Director: Ledford, Bill
Organization: State Technical Institute at Memphis, 5983 Macon Cove, Memphis, TN 38134
Telephone: (901) 377-4111
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0603
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$145,162 (Charged to FY 1979)
Descriptors: *Data Processing Occupations, *Competency Based Education, *Instructional Materials, *Articulation Program, Curriculum Development, Teaching Guides
Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in business data processing systems occupations, addressing each identified concept, duty, and task, and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress reports, and products of the project.

000152**Curriculum Development and Dissemination in Ornamental Horticulture.**

Project Director: Todd, John
Organization: University of Tennessee, Knoxville, TN 37916
Telephone: (615) 974-2575
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0618
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$67,280 (Charged to FY 1979)
Descriptors: *Ornamental Horticulture Occupations, *Competency Based Education, *Instructional Materials, *Articulation Program, Curriculum Development, Teaching Guides
Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in ornamental horticulture, addressing each identified concept, duty, and task and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress, reports, and products of the project.

000153**Curriculum Development and Dissemination in Automotive Services and Mechanics.**

Project Director: Dunn, Charlie
Organization: Middle Tennessee State University, Murfreesboro, TN 37130
Telephone: (615) 898-2613
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0655
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$86,825 (Charged to FY 1979)
Descriptors: *Auto Mechanics, *Competency Based Education, *Instructional Materials, *Articulation Program, Curriculum Development, Teaching Guides
Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in automotive services and mechanics, addressing each identified concept, duty, and task, and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress, reports, and products of the project.

000154**Curriculum Development and Dissemination in Marketing I.**

Project Director: Pearson, Ed

Organization: Memphis State University, Memphis, TN 38152
Telephone: (615) 454-2354

Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract/Control No.: ID0656

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$85,971 (Charged to FY 1979)

Descriptors: *Marketing, *Articulation Program, *Instructional Materials, *Competency Based Education, Curriculum Development, Teaching Guides

Identifiers: State, Proposal

A complete, articulated, competency-based curriculum in Marketing I, addressing each identified concept, duty, and task and including an instructor's guide and student materials, will be developed by a writing team composed of instructors from each level of instruction, curriculum developers, and teacher educators. The team will be trained in developing articulated competency-based curriculum materials. The developed materials will be field tested with at least 5 percent of the targeted student population. A review team consisting of persons from secondary, postsecondary, and adult programs; appropriate state staff; representatives from business and industry; and vocational advisory groups will monitor, review, and approve the progress, reports, and products of the project.

TEXAS

Research (Sec. 131)

000155

Dissemination Conference on Occupational Research.**Project Director:** Clark, Donald L.**Organization:** Texas A&M University, College of Education, College Station, TX 77843**Telephone:** (713) 845-5311**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230033**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$34,379**Descriptors:** *Conferences, *Research Utilization, Conference Reports, Teaching Techniques, Instructional Materials, Educational Legislation, Educational Finance**Identifiers:** State, Proposal

Improved teaching techniques and curriculum materials will result from a conference held to share recent research findings in occupational education and technology. Evaluations of the June 1979 dissemination conference will be analyzed and a follow-up study of participants conducted to plan and organize the February 1980 conference. Other focuses will be funding priorities for fiscal year 1981 and new legislation concerning occupational research and development. A conference report will be delivered.

000156

Identification and Analysis of New Occupations in Vocational Office Education.**Organization:** Texas A&M University, College Station, TX 77843**Telephone:** (713) 845-5110**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230034**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$56,993**Descriptors:** *Instructional Materials, *Task Analysis, *Occupational Information, *Office Occupations Education, Job Skills, Curriculum Evaluation, Secondary Education, Postsecondary Education**Identifiers:** *Emerging Occupations, State, Proposal

Training requirements will be identified and documented for new and emerging office occupations and for existing office occupations that have not previously received placement and training emphasis. Additionally, curriculum for these areas will be evaluated and techniques demonstrated for collecting, analyzing, and applying occupational information in developing curriculum and job performance tests. A modified version of the job analytic method used to analyze jobs in the Dictionary of Occupational Titles will be used to analyze new and emerging occupations and relative job information. A large sample of incumbent workers and supervisors will be asked to identify critical work requirements for a selected office occupation. The requirements will be analyzed and the results translated into specific assignment manuals and support materials which will be available to vocational educators for use in placement, training, and instructional material development activities.

000157

Texas Industrial Arts Search for Effectiveness.**Project Director:** Baker, G. E.**Organization:** Texas A&M University, College Station, TX 77843**Telephone:** (713) 845-3016**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230035**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$32,418**Descriptors:** *Industrial Arts, *Program Evaluation, *Career Development, *Program Effectiveness, Data Analysis, Job Placement, Educational Quality**Identifiers:** State, Proposal

A statistical model to evaluate career development outcomes of industrial arts programs on a local or statewide basis will be developed. Specific factors, such as class size, facility conditions, or youth clubs, which could affect the quality of career development outcomes of industrial arts will be identified to maximize industrial arts program effectiveness and subsequently facilitate efficient placement. Initial test will be administered to both industrial arts and non-industrial arts students on a cross-sectional basis. The statistical model will be used to analyze data collected from schools at the end of the year. Findings regarding the vocational development of Texas students will be reported by demographic categories such as sex, economic status, and race.

000250

Comprehensive Model for the Development of Training Coordinators.**Project Director:** Ernst, Nora S.**Organization:** University of Texas Health Science Center at Dallas, Dallas, TX 75235**Telephone:** (214) 688-2820**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230036**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$37,406**Descriptors:** *Resource Guides, *Paraprofessional Personnel, *Nursing Homes, *Curriculum Design, *Needs Assessment, Trainers, Health Personnel**Identifiers:** State, Proposal

The curriculum and companion resource manual produced for trainers of personnel in nursing and custodial care homes will provide a model for developing a sequence of needs assessment, curriculum design, and pilot course execution so that new positions will be open to technically trained persons and later to those professionally trained. A high standard of care for nursing and custodial care clients and greater job satisfaction for employees are expected to result. Thirty related institutions will provide input for the needs assessment from which the curriculum will be designed.

000158

Vocational Education Programming for Special Education Students in Texas during 1980.**Project Director:** Fair, George W.**Organization:** University of Texas at Dallas, Richardson, TX 75080**Telephone:** (214) 690-2021**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230027**Funding Period:** Start Date 01 Sep 79; End Date 30 Jun 80**Fiscal Year Funding:** \$38,909**Descriptors:** *Data Collection, *Data Analysis, *Program Planning, *Handicapped Students, Preservice Education, Special Education, Inservice Teacher Education, Program Evaluation, Student Participation, Individualized Programs**Identifiers:** State, Proposal

Data pertinent to the participation of special education students in regular, coordinated vocational academic education (CVAE), and vocational education for the handicapped (VEH) programs will be gathered, analyzed, interpreted, and reported for use in planning vocational education programs to include handicapped students, in planning preservice and inservice training programs, and in evaluating local programs. Forty independent school districts will be randomly

selected, with stratification for geographical location and average daily attendance, for a detailed two-day interview in which project personnel will determine vocational assessment or diagnostic procedures used; the numbers of special education students in regular, CAVE, and VEH programs; and the types of services and resources required to increase participation of special education students in vocational education programs. Involvement of vocational education personnel in developing and implementing individual educational plans for handicapped students in vocational education programs will also be determined. The instructional process will be investigated regarding personnel, organization of resources, supportive services, and instructional strategies and techniques.

000434

Development of a Competency-Based Curriculum of Related Instruction for Maintenance Apprentices in the Chemical Industry (Continuation).

Project Director: Rubio, J. J. Jr.; Raley, William L.
Organization: College of the Mainland, Texas City, TX 77590
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230038
Funding Period: Start Date 01 Jul 79; End Date 28 Feb 80
Fiscal Year Funding: \$16,589

Descriptors: *Apprenticeships, *Chemical Industry, *Technical Education, Curriculum Development, Learning Modules, Competency Based Education, Behavioral Objectives, Supplementary Education, Carpenters, Electricians, Instrumentation Technicians, Machine Repairmen
Identifiers: State, Proposal

Curricula will be developed to train more than 300 maintenance apprentices enrolled at College of the Mainland in crafts common to the chemical industry: boilermaker/rigger, carpenter, electrician, instrument repairer, insulator, machinist, painter, pipefitter, and pumper gauger. Based on a comprehensive job analysis of the nine crafts developed by a consultant firm, up to sixty-nine courses encompassing 727 modules which translate the tasks and duties into performance objectives will be written. All products will be distributed to the Texas public vocational institutions with chemical plants in their districts to help them meet the training needs of local industry and to promote apprenticeships as an instructional strategy. In addition, selected courses and modules will be used to provide supplemental instruction to approximately 700 journeypersons.

000435

Identification and Utilization of Employer Requirements for Entry-Level Health Occupations.

Project Director: Hayes, John
Organization: East Texas State University, Commerce, TX 75428
Telephone: (214) 886-3623
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230039
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$59,285

Descriptors: *Allied Health Occupations, *Job Training, *Job Skills, Task Analysis, Secondary Education, Entry Workers, Program Planning, Curriculum Planning, School Business Relationship
Identifiers: State, Proposal

Employers in the health care field will be surveyed with the Delphi technique to assess their expectations for entry-level skills for health assistants; tasks performed by workers in selected health occupations will be identified through a literature review. A progression from simple to complex skills in each selected occupation will be established as will the educational level at which these skills should be taught. Educators will use the research results in structuring secondary health occupations training.

000159

Analysis of Problems as Perceived by Male Students in Vocational Homemaking Education Programs.

Project Director: Bell, Camille G.
Organization: Texas Tech University, Lubbock, TX 79409
Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230040

Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,320

Descriptors: *Homemaking Education, *Student Problems, *Program Effectiveness, *Program Evaluation, Teaching Techniques, Correlation, Home Economics Teachers, Teacher Improvement, Curriculum Development, Secondary Education, Curriculum Problems, Postsecondary Education
Identifiers: State, Proposal

Data will be collected through a rating scale questionnaire based on problems regarding vocational home economics programs determined from interviews with male students, vocational homemaking teachers, and student teachers. Responses will be categorized by type of problem and cause: the students themselves, the school, or the curriculum. The problems male students perceive, the correlation of those problems to certain demographic variables, and the correlation of the perceived problems to the size of the school will be ascertained. Statistics to determine significance of rankings will be used to analyze the data for use in improving secondary and postsecondary vocational homemaking education.

001611

Developing Curriculum for Interpreter Training Programs in Vocational Education.

Project Director: McKee, Melinda
Organization: Texas State Technical Institute, Waco, TX 76705
Telephone: (817) 799-3611
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230041
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$44,183

Descriptors: *Deaf Interpreting, *Interpreters, *Program Development, *Instructional Materials, Task Analysis, Inservice Education, Postsecondary Education
Identifiers: State, Proposal

To alleviate the shortage of deaf interpreters in Texas, a flexible curriculum and comprehensive syllabi will be developed to provide a resource for materials and program information for use in developing interpreter training programs. A task inventory and task analysis will be conducted, followed by job characterization and task development. All pertinent existing materials will be gathered, edited, and adapted to the needs of Texas. Materials will be evaluated by conducting inservice training for persons already in the field.

000436

Mainstreaming the Handicapped Student in Vocational Home Economics.

Project Director: Durr, Gloria E.
Organization: Stephen F. Austin State University, Nacogdoches, TX 75962
Telephone: (713) 569-4502

Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230042
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$28,623

Descriptors: *Mainstreaming, *Guides, *Ancillary Services, *Home Economics Education, *Resource Materials, *Disabilities, *Secondary School Students, Data Collection, Home Economics Teachers
Identifiers: State, Proposal

Handicapped students in regular home economics programs will benefit from the development of a manual on mainstreaming for home economics teachers. Two data collection instruments will be developed—one for use in interviews at selected agencies, departments, or commissions to determine services and materials provided; the other, to collect data relative to problems encountered by home economics teachers in mainstreaming. Site visits will be made to observe situations and practices employed. University computer services will be used to analyze the data from which the manual, including guidelines and materials, will be developed.

000437

Pilot Testing a Curriculum in Energy Conservation to Train

Secondary and Postsecondary Vocational Students.

Project Director: Green, C. Paul
Organization: Navarro College, Corsicana, TX 75110
Telephone: (214) 874-6501
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230043
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$49,779
Descriptors: *Energy Conservation, *Curriculum Evaluation, *Learning Modules, *Inservice Teacher Education, Articulation Education, Secondary Education, Postsecondary Education, Videotape Recordings
Identifiers: State, Proposal

An eleven-module energy conservation curriculum will be pilot tested and evaluated. A learner verification and revision approach will be used to (1) develop and design pretests and posttests; (2) determine teaching time and reading level for each module; (3) evaluate student laboratory activities, textual materials, and module and unit sequencing; and (4) analyze articulation between secondary and postsecondary programs. A videotape will be developed as a dissemination and diffusion tool. Two inservice workshops will be held for secondary and postsecondary teachers to discuss the objectives of the pilot test and procedures for implementation. Each module will then be pilot tested four times on each education level. After evaluation and pilot testing, the modules will be revised, reprinted and disseminated. A final report will be delivered.

000634

Pilot Testing a Curriculum in Energy Conservation to Train Secondary and Postsecondary Vocational Students.

Project Director: Green, C. Paul
Organization: Navarro College, Corsicana, TX 75110
Telephone: (214) 874-6501
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230043
Funding Period: Start Date 01 Sep 79; End Date 30 Jun 80
Fiscal Year Funding: \$49,779
Descriptors: *Energy Conservation, *Curriculum Evaluation, *Learning Modules, *Articulation Education, *Inservice Teacher Education, Secondary Education, Postsecondary Education, Videotape Recordings
Identifiers: State, Proposal

An eleven-module energy conservation curriculum will be pilot tested and evaluated. A learner verification and revision approach will be used to (1) develop and design pretests and posttests; (2) determine teaching time and reading level for each module; (3) evaluate student laboratory activities, textual materials, and module and unit sequencing; and (4) analyze articulation between secondary and postsecondary programs. A videotape will be developed as a dissemination and diffusion tool. Two in-service workshops will be held for secondary and postsecondary teachers to discuss the objectives of the pilot test and procedures for implementation. Each module will then be pilot tested four times on each educational level. After evaluation and pilot testing, the modules will be revised, reprinted, and disseminated. A final report will be delivered.

000438

Assessment of Occupational Orientation Investigation Activities and Course Content at the Local Level to Determine Its Effectiveness.

Project Director: Fox, Norris
Organization: North Texas State University, College of Education, Denton, TX 76203
Telephone: (817) 788-2093
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230234
Funding Period: Start Date 15 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$23,446
Descriptors: *Career Exploration, *Curriculum Evaluation, *Behavioral Objectives, *Program Effectiveness, Curriculum Guides, Curriculum Development
Identifiers: State, Proposal

Local occupational investigation curriculum will be assessed and a

curriculum outline completed. Performance objectives will be written from validated goals and objectives which will provide a method of measuring curriculum content, student performance, and local program effectiveness. Facilitating activities from the existing curriculum also will be included. Teachers of occupational investigation will be surveyed to identify the goals and objectives for validation.

Exemplary and Innovative (Sec. 132)

000160

Delivery of a Foundry Production Curriculum to Rural School Districts in East Texas through a Mobile Foundry Laboratory.

Project Director: Boons, James L.
Organization: Texas A&M University, College Station, TX 77840
Telephone: (713) 845-3016
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230122
Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80
Fiscal Year Funding: \$40,738
Descriptors: *Rural Areas, *Mobile Laboratories, *Foundries, *Industrial Arts, *Experiential Learning, Models, Career Education, Delivery Systems, School Business Relationship, Program Development, Curriculum Development, Secondary Education
Identifiers: State, Proposal

Hands-on experiences in foundry techniques will be provided to industrial education students in rural areas to increase their career awareness and employability. During the first year of the project, a mobile foundry laboratory (MFL) will be planned, designed, and constructed, using equipment supplied by the Texas chapter of the American Foundryman's Society. A curriculum to be used with the MFL will also be developed. In the spring of 1980, selected rural school districts will be invited to Texas A&M University for an introductory presentation of the MFL and the curriculum. During the next academic year school districts will apply for participation. Teacher preparation and curriculum implementation will occur during the next two academic years. This project will serve as a model of service, and curriculum delivery to rural areas as well as a model of education/industry cooperation in addressing mutual needs.

000139

Project to Improve Selection of Occupationally Competent Auto Mechanics and Building Trades Teachers (Continuation).

Project Director: Butler, M. Doule
Organization: Texas A&M University, College Station, TX 77843
Sponsoring Agency: Texas Education Agency, Austin
Contract/Control No.: 00230123
Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80
Fiscal Year Funding: \$8,637
Descriptors: *Building Trades, *Auto Mechanics, *Test Construction, *Vocational Education Teachers, *Teacher Qualifications, Teacher Selection, Teaching Quality, Teacher Skills
Identifiers: State, Proposal

To improve the process of determining occupational competencies of prospective auto mechanics and building trades teachers in Texas, competency tests and a system for administering them will be developed. Outstanding auto mechanics and building trades teachers will be identified, selected, and employed as consultants to provide input and assistance in test development. From the input provided, performance and written tests will be developed. The tests will be validated with small groups of selected teachers who will be trained as test monitors. School shops will be selected at three locations and arrangements made to use facilities for testing. Costs of administering the test on an individual basis will be determined, and copies of tests and other results will be made available.

000161

Office Skills Center for Dropouts and Unskilled Adults.

Project Director: Meyer, Harry
Organization: Lockhart Independent School District, Lockhart, TX 78644

Telephone: (512) 398-2371

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230124

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$26,361

Descriptors: *Adult Education, *Dropouts, *Skill Development, *Office Occupations Education, *Vocational Training Centers, *Disadvantaged, Job Skills, Employment Opportunities, Rural Population, Unemployed, Program Development, Basic Skills, Low Income Groups

Identifiers: State, Proposal

An office skills training center, coordinated with the ACE learning center, will be developed to serve a low-income, disadvantaged rural area with a high unemployment rate. Two two-hour sessions will be held daily, with instruction being divided into three sessions for a total of 1,840 hours. The center will be opened for eight hours daily, five days a week. Efforts will be made to coordinate vocational education and adult and continuing education where remediation of basic skills is needed. A curriculum will be developed to meet the needs of persons with special needs. As a result of the project, 50 percent of those will obtain a marketable skill; 80 percent will explore career decisions, 30 percent will develop understandings to enable them to make sound judgments; and all will explore opportunities, potential satisfactions, and related dimensions.

000162

Institutionalizing Articulation Documents and Procedures in Three Vocational-Occupational Areas and Articulating the Child Development and Welding Programs.

Project Director: Dobbs, Virginia

Organization: Dallas County Community College District, Eastfield College, Mesquite, TX 75150

Telephone: (214) 746-3198

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230125

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$48,070

Descriptors: *Articulation Education, *Welding, *Child Development, *Manuals, *College Credits, Secondary Education, Postsecondary Education, Community Colleges, Educational Quality, Technical Education

Identifiers: State, Proposal

To improve the quality of technical and occupational instruction for both secondary and postsecondary schools, the field of child development and welding will be articulated and procedures to grant college equivalency credit for competencies mastered at secondary levels will be institutionalized. These procedures will be based on proven projects and will include the continuation of an extensive communication network in the form of working committees representing all Dallas County Community College District campuses and countywide independent school districts. A manual providing comprehensive information on institutionalizing procedures will be developed.

000163

Broadening the Occupational Aspirations for Disadvantaged Youth.

Project Director: Garland, Terry

Organization: Wilmer-Hutchins Independent School District, Dallas, TX 75216

Telephone: (214) 376-7311

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230126

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$26,193

Descriptors: *Occupational Aspiration, *Disadvantaged Youth, *Classroom Materials, *Career Education, *Integrated Curriculum, Educationally Disadvantaged, Economically Disadvantaged, Junior High Schools, High Schools, Staff Development, Needs Assessment, Career Planning

Identifiers: State, Proposal

To broaden the occupational aspirations for the disadvantaged youth of the Wilmer-Hutchins Independent School District, project staff will conduct staff development workshops for eighteen members

from junior and senior high schools; provide classroom materials to infuse career awareness and planning in a variety of course areas; field test these materials using a pre- and posttest with experimental and control groups; conduct a needs assessment involving parents, students, employers, and school staff; and develop a field test report to describe the results of student testing, the needs assessment, and program implementation methods. To achieve the objectives, the district will participate in the Alliance for Career and Vocational Education at the National Center for Research in Vocational Education, the Ohio State University. The district will provide field test results and other materials to the Texas Education Agency.

000164

Implementation of Exemplary Programs and Training System for Linking Vocational Education with CETA Youth Programs in Texas (Continuation).

Project Director: Luker, William A.

Organization: North Texas State University, Denton, TX 76202

Telephone: (817) 788-2263

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230127

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,976

Descriptors: *Program Development, *Program Coordination, *Manpower Needs, *Disadvantaged Youth, *Technical Assistance, *Youth Programs, Guides, Comprehensive Programs, Youth Employment, Delivery Systems, Teacher Workshops

Identifiers: *Comprehensive Employment and Training Act, State, Proposal

Vocational educators will be assisted in the design and delivery of local services to meet the needs of labor market demands and the characteristics of CETA youth to facilitate coordination and linkage of vocational education with local CETA youth programs. The project consists of four phases. Phase 1 will involve developing and conducting a series of five planning conferences for key vocational education and employment personnel from five sites in Texas. In phase 2, a workshop guide will be prepared. The presentation of two one-day workshops will occur in phase 3. During phase 4, technical assistance will be provided to each area to implement plans. The project will highlight the model and exemplary programs developed in fiscal year 1979.

000165

Multi-Activity Approach in Career and Occupational Education for Grades 7-12.

Project Director: Corbell, Weldon

Organization: Little Elm Independent School District, Little Elm, TX 75068

Telephone: (214) 292-1847

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230128

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$23,826

Descriptors: *Small Schools, *Career Exploration, *Learning Laboratories, Career Education, Secondary Education, Drafting, Electronics, Photography, Metal Working Occupations, Woodworking, Auto Mechanics, Career Planning

Identifiers: State, Proposal

This project will demonstrate an articulated instructional approach to provide students in small schools with a progressive system for broad exploration and later concentrated study of a career area of their interest. A classroom laboratory facility will be equipped with instructional hardware to allow individuals to progress through a series of graduated individual activity learning experiences. Secondary students in grades 7-12 will explore a minimum of six career areas relative to working conditions, employment opportunities, educational requirements, and basic requisite skills. Among the areas included are woodworking, metalworking, drafting, electronics, small engine repair, and photography. This project will serve as an ongoing demonstration site for others interested in implementing such a program. Informative brochures will be published and distributed to interested local education agencies. One hundred copies of a guide will be produced to assist school boards and administrators who wish to adapt the multi-activity approach to careers and occupations.

000166

Vocational Orientation for the Hearing Impaired—Model Program.**Project Director:** Burke, Douglas, J.N**Organization:** El Paso Independent School District, Office of Education for the Deaf, El Paso, TX 79935**Telephone:** (915) 593-2442**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230129**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$27,908**Descriptors:** *Program Development, *Day Schools, *Career Education, *Deaf Education, *Hearing Impairments, *Deafness, *School Orientation. Occupational Information**Identifiers:** State, Proposal

A model of vocational orientation services for the hearing impaired in regional day schools will be developed. Sites will be toured and activities studied to document those activities related to occupational orientation for such students. The strengths and weaknesses of the activities will be explored and solutions and improvements sought. A model program design will be developed with input from students, personnel, and other professionals. This model program design will then be published and appropriate guidelines for implementing it outlined. This information will be disseminated to those serving hearing impaired students.

000167

Developing Disadvantaged Youth for Health Career Employment.**Project Director:** Derryberry, Carla**Organization:** Houston Community College System, Houston, TX 77007**Telephone:** (713) 869-5021**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230130**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$28,612**Descriptors:** *Disadvantaged Youth, *Employment Opportunities, *Allied Health Occupations Education, *Job Placement, *Student Employment, Remedial Programs, Entry Workers, Student Recruitment, Publicity**Identifiers:** State, Proposal

Disadvantaged male and female youth will be identified and recruited for possible enrollment in established health career education programs. To accomplish this, radio ads will be written and neighborhood centers visited. After assessment and evaluation, these youths will then be placed in health career programs appropriate to their interests and abilities. Remedial instruction will be scheduled as needed. The program will thus provide entry-level jobs in the health industry for disadvantaged youth.

000168

Instructional Coordination of Petroleum Chemical and Transportation Training.**Project Director:** McLendon, B. L.**Organization:** Houston Independent School Districts, Houston, TX 77027**Telephone:** (713) 623-5434**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230131**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$50,039**Descriptors:** *Job Training, *Transportation, *Petroleum Industry, *Chemical Industry, *Building Trades, *Vocational Training Centers, Program Planning, Occupational Clusters, Entry Workers, Secondary Education, School Business Relationship, Manpower Needs**Identifiers:** State, Proposal

After extensive needs assessment to provide the necessary documentation indicating student interest in vocational technical training, the voters of the Houston Independent School District passed a \$297 million planning and improvement program which included facilities to expand vocational training. This plan includes two

technical centers to prepare secondary students for entry-level employment in occupational areas not previously taught in the state. One center will emphasize the transportation cluster of training programs, and the other will include building trades plus the petro-chemical programs. The appropriate staff will coordinate the activities of the related program on each campus with extensive input provided by a business and industry advisory committee for curriculum development and modification of level of instruction. Enrollment will consist of tenth, eleventh, and twelfth grade students. The model will be transferable to any similar vocational-technical training center having multiple units in a complex which serves a common segment of business and industry.

Curriculum Development (Sec. 133)

000202

Competency-Based Education (CBE) Supplement to the Reading Guide, "Do You Read Me, Good Buddy?".**Project Director:** Jones, Charles I.**Organization:** Marshall University, OAS Department, Huntington, WV 25701**Sponsoring Agency:** West Virginia State Dept. of Education, Charleston**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,323**Descriptors:** *Supplementary Reading Materials, *Competency Based Education, Curriculum Development, Business, Environment, Industry, Services**Identifiers:** State, Proposal

Four supplements—one each in business, environment, industry, and services—will be prepared for the reading guide to "Do You Read Me, Good Buddy?". The supplements will be based on the Bureau of Vocational-Technical and Adult Education format from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000203

Postsecondary Competency-Based Education (CBE) Core Curriculum.**Project Director:** Griscom, William E.**Organization:** Fairmont State College, Fairmont, WV 26354**Sponsoring Agency:** West Virginia State Dept. of Education, Charleston**Contract/Control No.:** BVTAE-76-80-C-10**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,934**Descriptors:** *Competency Based Education, *Core Curriculum, *Technology, *Technical Education, Curriculum Development, Postsecondary Education, Associate Degrees**Identifiers:** State, Proposal

A postsecondary, competency-based core curriculum in technologies will be developed based on the Bureau of Vocational, Technical, and Adult Education format and validated, cognitive, affective, and psychomotor tasks. The technologies curriculum will serve as a core for associate degree technical programs in West Virginia.

000204

Competency-Based Education (CBE) Curriculum on Management and Family Economics.**Project Director:** Veach, June**Organization:** Grant County Board of Education, Jefferson Avenue, Petersburg, WV 26847**Sponsoring Agency:** West Virginia State Dept. of Education, Charleston**Contract/Control No.:** BVTAE-76-WV-80-C-3**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$7,419**Descriptors:** *Competency Based Education, *Consumer Economics, *Family Management, *Home Economics, Curriculum Development, Secondary Education

Identifiers: State, Proposal

Descriptive Note: This project also received \$9,989 under state funds for FY 1980

A competency-based management and family economic curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks for statewide use.

000220

Competency-Based Education (CBE) Health Exploration Curriculum.

Project Director: Long, Diana L.

Organization: RCA Services, Educational Services, Building 202-2, Camden, NJ 08101

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: 69A

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$9,500

Descriptors: *Competency Based Education, *Behavioral Objectives, *Allied Health Occupations Education, Task Analysis, Secondary Education, Postsecondary Education

Identifiers: State, Proposal, Vocational Technical Education Consortium States

A competency-based health exploration curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed for statewide use from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000205

Competency-Based Education (CBE) Word Processing Curriculum.

Project Director: Armstrong, Susan

Organization: PRT Vocational-Technical Center, Harmony Acres, State Rt. 2, St. Marys, WV 26170

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-4

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,199

Descriptors: *Competency Based Education, *Typewriting, Curriculum Development, Business Skills, Office Machines, Secondary Education

Identifiers: State, Proposal

A competency-based education word processing curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed for statewide use from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000206

Postsecondary Competency-Based Education (CBE) Health Care Curriculum.

Project Director: Meckley, Richard

Organization: West Virginia University, 1266 Braewick Drive, Morgantown, WV 26505

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-11

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$9,260

Descriptors: *Competency Based Education, *Core Curriculum, *Allied Health Occupations Education, Postsecondary Education, Curriculum Development

Identifiers: State, Proposal

A competency-based education, postsecondary health care curriculum will be developed for statewide use based on the Bureau of Vocational, Technical, and Adult Education format and validated cognitive, affective, and psychomotor tasks.

000207

Competency-Based Education (CBE) Curriculum on Hotel/Motel.

Project Director: Smith, Sue

Organization: Benjamin Franklin Career and Technical Education Center, 500 28th Street, Dunbar, WV 25064

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-8

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,466

Descriptors: *Hotels, *Service Occupations, *Competency Based Education, Curriculum Development, Secondary Education

Identifiers: State, Proposal

A competency-based education hotel/motel curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed for statewide use from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000208

Competency-Based Education (CBE) Prevocational Manufacturing Curriculum Development.

Project Director: Thompson, William R.

Organization: Tau Associates, Inc, P.O. Box 227, Fairmont, WV 26544

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-7

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,453

Descriptors: *Competency Based Education, *Prevocational Education, *Manufacturing, Curriculum Development, Secondary Education

Identifiers: State, Proposal

A competency-based education, prevocational manufacturing curriculum will be developed for statewide use based on the Bureau of Vocational, Technical, and Adult Education format and validated cognitive, affective, and psychomotor tasks.

000210

Competency-Based Education (CBE) Real Estate Curriculum Development.

Project Director: McCloy, Robert J.

Organization: 402 Juliana Street, Parkersburg, WV 26101

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-26

Funding Period: Start Date 15 Dec 79; End Date 01 Apr 80

Fiscal Year Funding: \$1,500

Descriptors: *Competency Based Education, *Real Estate Occupations, Curriculum Development, Secondary Education

Identifiers: State, Proposal

Descriptive Note: This project also received \$3,445 in state funds for FY 1980

A competency-based curriculum in real estate will be developed from the West Virginia V-TECS catalog and other validated cognitive, affective, and psychomotor tasks.

000211

Competency-Based Education (CBE) Cashier/Checker Curriculum.

Project Director: Lykens, Robert B.

Organization: United Career Center, Route 3, Box 43-C, Clarksburg, WV 26301

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: 77A

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,572

Descriptors: *Competency Based Education, *Food Stores, *Service Workers, Curriculum Development, Secondary Education

Identifiers: Checkers (Occupation), Cashiers, State, Proposal
Descriptive Note: This project also received \$2,945 under state funds for FY 1980

A competency-based curriculum for cashier/checker will be developed from the West Virginia Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000212

Competency-Based Education (CBE) Firefighter Curriculum Development.

Project Director: Hinds, Tom
Organization: 5807 Buechel Drive, Delaware, OH 43015
Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C12

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,900

Descriptors: *Competency Based Education, *Fire Fighters, *Fire Science Education, Curriculum Development, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

A competency-based education firefighter curriculum for statewide use will be developed based on the Bureau of Vocational, Technical, Adult Education format from the Vocational Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks.

000209

Competency-Based Education (CBE) Mine Machine Electrician Curriculum Development.

Organization: RCA Service Company Educational Services, Cherry Hill Offices, Camden, NJ 08101

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-6

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,763

Descriptors: *Competency Based Education, *Mechanical Equipment, *Electricians, *Behavioral Objectives, Secondary Education, Postsecondary Education

Identifiers: State, Proposal, Mining, Vocational Technical Education Consortium States

A CBE mine machine electrician curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks for statewide use.

000446

Competency-Based Education (CBE) Mine Machine Electrician Curriculum Development.

Organization: RCA Service Company, Cherry Hill Office, Camden, NJ 01801

Sponsoring Agency: West Virginia State Dept. of Education, Charleston

Contract/Control No.: BVTAE-76-WV-80-C-6

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$19,763

Descriptors: *Competency Based Education, *Mechanical Equipment, *Electricians, *Behavioral Objectives, Secondary Education, Postsecondary Education

Identifiers: State, Proposal, Vocational Technical Education Consortium States, *Mining

A competency-based mine machine electrician curriculum, based on the Bureau of Vocational, Technical, and Adult Education format, will be developed from the Vocational-Technical Education Consortium of States catalog and other validated cognitive, affective, and psychomotor tasks for statewide use.

000021

Law Enforcement and Criminal Justice.

Project Director: McLendon, B. L.

Organization: Houston Independent School District, Houston, TX 77027

Telephone: (713) 623-5434

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230132

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,260

Descriptors: *Criminal Law, *Law Enforcement, *Career Exploration, Secondary Education, Service Occupations, Occupational Clusters, Skill Development, Employment Opportunities, Models

Identifiers: State, Proposal

A positive attitude toward law enforcement and criminal justice procedures will be developed in secondary school students; and the necessary technical knowledge, skills, and physical development will be provided to meet the employment requirements in law enforcement or related criminal justice careers. Staff will be prepared and instructional materials developed and assembled for ninth and tenth graders to explore the public service occupational cluster with emphasis on law enforcement and criminal justice. Eleventh graders will receive skill development and technical knowledge to develop entry-level skills prior to serving an internship in their senior year. This model, transferable to any metropolitan area, will be used to coordinate resources and recruit young people for a career in law enforcement.

000169

Career Mentorship Program for the Gifted and Talented.

Project Director: Hensley, James

Organization: Edinburg Independent School District, Edinburg, TX 78539

Telephone: (512) 383-0767

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230133

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$21,963

Descriptors: *Occupational Information, *Work Experience Programs, *Academically Gifted, *Talented, *Resource Room Programs, *Career Education

Identifiers: State, Proposal

A career mentorship program will be established to serve the gifted and talented, using a classroom/library resource room as headquarters. Participating students will spend two hours a day working in class or on a training site to gain career information. Students will prepare for their mentorship experiences by class discussion, research, and guest speakers and will work with one to three mentorship sponsors a year, spending about sixty hours to learn the basics of the profession. After their mentorship experiences, students will serve as resource persons for the district's career investigation classes. A pre-and post-evaluation will determine the students' net gain in career readiness.

000170

Vocationally Oriented Remedial Reading Program for Students of Limited English-Speaking Ability (Continuation).

Project Director: Van Matre, Wesley, Jr

Organization: Pharr-San Juan-Alamo Independent School District, Pharr, TX 78577

Telephone: (512) 787-4289

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230134

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$35,917

Descriptors: *Junior High Schools, *Non English Speaking, *Remedial Reading Programs, *Individualized Reading, *Communication Skills, *Skill Development, Educational Diagnosis, Secondary Education

Identifiers: State, Proposal

After diagnosis of the communication skills of students with limited English-speaking ability is made, each participant will receive communication skills improvement for one regular instructional period each school day during the school year. Individual assessment related to the student's needs and potential, and a training plan will be deter-

mined by the specialist and student. After a period of orientation, students will enter the room, go to their assigned instructional station, and use the software and hardware to continue the communication skills improvement activities of the instructional sequence determined by the staff. Final evaluation reports of student information and other projects data will be provided.

000022

Bilingual Education for Occupational Research and Evaluation.

Project Director: Powell, Bill

Organization: South Plains College, Levelland, TX 79336

Telephone: (806) 894-9611

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230135

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,046

Descriptors: *Bilingual Education, *Job Training, *Mexican Americans, *English Second Language, *Adult Education, Unemployed, Semiskilled Workers, Non English Speaking, Occupational Guidance, Counseling, Ancillary Services, Employment Opportunities

Identifiers: State, Proposal

Limited English-speaking individuals will be trained to understand, read, and write English to prepare them for employment as skilled workers, technicians, or paraprofessionals in recognized occupations or in new and emerging ones. Training or retraining will be presented in both English and Spanish by bilingual instructional teams. The total program will include career guidance, counseling, social and educational support services, and innovative training for employment.

Upon completion of training, these individuals will be employed in professions other than the unskilled labor market and, with the assistance of project staff, will choose their own career. The pilot program will consist of fifteen students. Project results are expected to include the benefits of increased social stability for the trainees, a higher rate of financial compensation for their work, and increased opportunities for social assimilation while allowing participants to retain cultural distinctions.

000171

Vocational Education Program for the Rural Member of Electric Cooperatives.

Project Director: Freeman, Ronnie

Organization: Texas State Technical Institute, Sweetwater, TX 79556

Telephone: (915) 235-8441

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230136

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,884

Descriptors: *Cooperative, *Rural Areas, *Electricity, *Short Courses, *Solar Radiation, *Energy Conservation, Technical Institutes

Identifiers: State, Proposal

Due to increase in the cost of electricity, Texas State Technical Institute will assist four local electric cooperatives to educate their rural cooperative members in the use of solar hot water systems and energy conservation. Four twenty-four hour short courses taught by solar department instructors, one at each location, will be offered at no cost to the rural members. The curriculum for the courses was developed by the institute through a grant in 1977 and 1978. Members will learn to install a solar hot water system and to apply a variety of energy conservation techniques.

000172

Model English as a Second Language (ESL) Center for Teaching Vocational-Specific English to Vocational Students.

Project Director: Teagus, Lonnie G.

Organization: Navarro College, Corsicana, TX 75110

Telephone: (214) 874-6501

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230137

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,022

Descriptors: *English Second Language, *Individualized Programs, *Instructional Materials, *Student Evaluation, *English For Special Purposes, Models, Curriculum Development, Program Effectiveness, Foreign Students, Adult Education, Inservice Education

Identifiers: State, Proposal

An ESL center will be established and operated to assess students, design individualized and vocation-specific development plan for each student, provide direct ESL instruction, develop ESL curriculum materials, and evaluate student improvement and program effectiveness. A team of consultants will assist Navarro College in establishing an effective ESL center and will provide inservice training to both project staff and college faculty in management by objectives, individualizing instruction, methods of constructive interaction between center and faculty, and preparing ESL materials. If successful, the model will be disseminated through the Texas Education Agency.

000173

Health Career Recruitment and Retention of the Disadvantaged (Continuation).

Project Director: Boaz, Ted

Organization: Del Mar College, Corpus Christi, TX 78404

Telephone: (512) 881-6400

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230138

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$35,104

Descriptors: *Disadvantaged Youth, *Dropout Prevention, *Allied Health Occupations Education, *Job Placement, *Student Employment, Followup Studies, Student Recruitment, Postsecondary Education, Program Development, Program Effectiveness, Success

Identifiers: State, Proposal

A system for enrolling sixty freshmen or sophomore minority or disadvantaged students seeking educational opportunities leading to employment in a health occupation will be developed and implemented. Students will be recruited and individual academic plans for each completed. They will then be assisted in entry into jobs or training programs for health career mobility. Follow up of selected candidates will be conducted, and a complete program evaluation finalized. Profile characteristics indicating successful job placement in health occupations will be identified and developed. Specific procedures and methods required for enriching academic deficiencies will be developed. Particular health manpower recruitment and retention problems will be documented and corrected. Candidates will be pre- and posttested to determine their strengths in pursuing a health career. Academic success will be determined by the following criteria: cumulative grade point average upon completion of high school or postsecondary education, sequential grade point average in science course offerings at the end of each semester, grades in specific theory courses related to health careers, and scores on board or certifying examinations related to health professions. Clinical success will be determined by the following criteria: performance as noted by instructors for work performed in a health care setting, student's ratings of abilities and performance on the job, and employer or supervisor ratings of student job performance.

000174

Prototype Occupational Choice Model for Disadvantaged Youth in Rural Schools (Continuation).

Project Director: Bonner, Harold S.

Organization: Prairie View A&M University, Prairie View, TX 77443

Telephone: (713) 857-2517

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230139

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,429

Descriptors: *Rural Schools, *Disadvantaged Youth, *Career Choice, *Models, *Guidance Programs, *Program Development, *Information Systems, Inservice Programs, Information Dissemination, Consortia, Program Evaluation, Program Design

Identifiers: State, Proposal

A model guidance program will be designed, implemented, tested, and retested in two rural school districts chosen from a consortium of ten. Inservice programs will be conducted to assist those schools and community personnel in developing programs that are effective in identifying techniques that can be replicated in other districts. A model dissemination system will be used to facilitate the replication of successful guidance models. The results of this study can be used by local, state, and federal agencies for developing and implementing ideal guidance programs for rural school districts.

000175**Innovative Community-Based Career Exploration for Disadvantaged Youth.****Project Director:** Harlow, Jim**Organization:** Dallas County Community College, District, Cedar Valley College, Lancaster, TX 75134**Telephone:** (214) 746-4869**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230142**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$24,117**Descriptors:** *Career Counseling, *Outreach Programs, *Behavior Change, *Delinquent Rehabilitation Curriculum Development, *College School Cooperation, Educational Innovation, Males, Work Attitudes, Learning Modules, Self Evaluation**Identifiers:** State, Proposal

An action-intervention project will use the human development curriculum of Cedar Valley College and its resources to facilitate behavioral changes in the offender population of the Dallas County Boys' Home. Through self- and vocational exploration as well as a counseling outreach program, boys will be helped to develop the behaviors conducive to good citizenship and occupational success. The project will include six tasks: recruitment and hiring of teachers, development of modules, student pretesting for evaluation purposes, beginning of classes, final evaluation, and production of a final report. Results of the project will be extensively reviewed, with the evaluation team presenting recommendations. Copies of the report will be disseminated to interested institutions.

000023**Occupational Opportunity Enhancement Project for Special Populations.****Project Director:** Henricks, Leroy**Organization:** Region VIII Education Service Center, Mount Pleasant, TX 75455**Telephone:** (214) 572-6676**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230166**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$29,999**Descriptors:** *Occupational Information, *Exceptional Persons, *Occupational Aspiration, *Disadvantaged Youth, *Vocational Counseling, *Disabilities, Employment Opportunities, Career Choice, Sex Stereotypes, Secondary Education, Occupational Guidance**Identifiers:** State, Proposal

Information will be provided to regular and special students to assist them in making career and occupational choices, eliminate sex stereotyping of work roles where possible, and broaden occupational aspirations of special students. Using the delivery system developed during the first year of the project, services will be made available to all schools in the district. Making school personnel aware of available materials and resources will enable them to provide services themselves the next school year. Of first priority to receive services are those schools having no counselors and those with the highest percentage of handicapped and disadvantaged students.

000176**Pilot Program to Train Visually Impaired Computer Programmers.****Project Director:** Stehling, Al**Organization:** San Antonio College, San Antonio, TX 78284**Telephone:** (512) 734-7311**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230167**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$60,820**Descriptors:** *Vocational Training Centers, *Programming, *Program Development, *Visual Impairments, *Job Placement, *Student Employment, *Computer Science Education, Community Colleges, Postsecondary Education, Cost Effectiveness, Job Training, Data Processing Occupation**Identifiers:** State, Proposal

This pilot project will implement the training program outlined by the 'Feasibility Study and Development of a Program to Train Visually Impaired Students in Computer Programming'. Twelve visually impaired students will be selected, trained, and placed as computer programmers. A trial period will be provided to allow problems to surface and be solved. Actual cost statistics will be accumulated and the difference between actual costs and contact hour revenues calculated. The program will then be evaluated and recommendations about continuing it made. Throughout the project, the program director will keep records and report project activities. This program is the initial step toward providing an ongoing training center for visually impaired computer programmers at San Antonio College.

000177**Project Interface (Infants Need Trained, Empathetic, Responsive Family and Coordinated Efforts).****Project Director:** Parker, Barbara J.**Organization:** South Plains College, Plainview, TX 79072**Telephone:** (806) 293-3605**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230168**Funding Period:** Start Date 15 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$46,039**Descriptors:** *Job Training, *Child Care Workers, *Interagency Coordination, Postsecondary Education, Infants, Nontraditional Students, Handicapped, Males, Social Services, Curriculum Development, Perinatal Influences**Identifiers:** *Comprehensive Employment Training Act, State, Proposal

Project Interface will provide a linkage in services among the CETA program and other agencies providing in-depth postsecondary vocational education for persons receiving job training in infant care. A demonstration center on the Plainview campus will serve as a laboratory setting for fifteen to twenty CETA enrollees being trained as infant care givers and facilitators of family interaction with service agencies. Students and parents will be trained in practical application of new techniques in the prevention and cure of primary or secondary perinatal difficulties. Coordination efforts will involve as many health care, social services, and educational agencies as possible to demonstrate the cost effectiveness of resource sharing. Efforts will be made to recruit handicapped adults and men.

000178**Learning with Tools: An Orientation and Exploration Program for Handicapped Students in the Clusters of Construction Trades, Personal Services and Transportation (Continuation).****Project Director:** Burbank, C. R.**Organization:** Meridian Independent School District, Meridian, TX 76665**Telephone:** (817) 435-2331**Sponsoring Agency:** Texas Education Agency, Austin**Contract/Control No.:** 00230169**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$51,788**Descriptors:** *Career Education, *Building Trades, *Human Services, *Transportation, *Experiential Learning, *Exceptional Persons, *Student Ability, Simulation, Career Planning, Curriculum Development, Occupational Information, Job Skills**Identifiers:** State, Proposal

A systematic approach for ascertaining the functional capacity of handicapped students will be developed to help them define a clearcut

vocational objective in one of the clusters to investigate further. A model curriculum appropriate for other occupational orientation and exploration programs for the handicapped will be developed and field tested. This curriculum, "Learning with Tools: An Orientation and Exploration Program for the Handicapped in Clusters of Construction Trades, Personal Services, and Transportation", will involve a comprehensive process that will systematically utilize work, real and simulated, as the focal point in allowing students to become familiar with and to explore vocational opportunities through actual hands-on experiences. These experiences will enable students to investigate occupations in terms of occupational information and employability skills required. A list of occupations in each cluster at which handicapped can succeed will be developed.

000179

Training in Vocational Assessment for the Handicapped (Continuation).

Project Director: Fullerton, H. M.

Organization: Education Service Center Region 9, Wichita Falls, TX 76309

Telephone: (817) 322-6928

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230170

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$42,451

Descriptors: *Educational Assessment, *Evaluation Methods, *Student Evaluation, *Exceptional Persons, *Educational Resources, *Inservic Programs, Administrative Personnel, Evaluation Criteria, Evaluators, Counselors, Teenagers

Identifiers: State, Proposal

To strengthen vocational assessment for handicapped teenagers, training in assessment will be offered through a two-phase workshop to provide administrators, teachers, evaluators, counselors, and diagnosticians with the opportunity to examine and use a designated assessment battery and evaluation process, and to lay the philosophic and procedural groundwork for developing curriculum in vocational-oriented academics. Phase 1, "The Vocational Assessment Process," will focus on assessment philosophy, resources, evaluation instruments, equipment, and demonstrations; distribute and explain a vocational assessment package, and provide individual consultation with the workshop leader. Phase 2, "Evaluation: Learning by Doing," will allow each participant to work through the mechanics of a vocational evaluation.

000180

Innovative Program for Providing Effective Vocational Training for Handicapped Persons of Limited English-Speaking Ability within State Hospitals and State Schools.

Project Director: Culcasure, David F.

Organization: San Antonio State Hospital and State Schools, San Antonio, TX 78223

Telephone: (512) 532-881

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230171

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$44,040

Descriptors: *Non English Speaking, *Mental Retardation, *Institutionalized Persons, *Job Skills, *English Instruction, *Mental Disorders, Skill Development, State Schools, Comprehensive Programs, Printing, Graphics

Identifiers: State, Proposal

Handicapped persons of limited English-speaking ability who are residents of state institutions for the mentally ill and mentally retarded will be prepared to perform adequately in the community following their release from treatment. To accomplish this, vocational skills in a demand area will be developed; English language skills to perform successfully on the job will be developed concurrently. Following the development of the program and training of instructors, residents will be selected to be trained in graphics, binding, and printing. They will receive English language training and work adjustment training to develop good work habits and interpersonal skills. This comprehensive training program will provide a validated model which can be implemented in other state hospitals, state schools, and human development centers.

000181

Jobs, Education, and Basic Skills (JEBS) (Continuation).

Project Director: Bagley, Glendon

Organization: Dallas County Community College District, Mountain View College, Dallas, TX 75211

Telephone: (214) 746-4158

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230172

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,923

Descriptors: *High School Equivalency Programs, *Job Skills, *Skill Development, *Job Placement, *Basic Skills, *Disadvantaged Youth, Nurses Aides, Retailing, Community Colleges, Counseling Services, Clerical Occupations

Identifiers: State, Proposal

Opportunity to prepare for the general education degree will be offered to persons who have not completed high school to provide them with the educational link demanded by most area employers. Training will be offered to two hundred unemployed/underemployed persons, particularly those between the ages of seventeen and twenty-five, in marketable skills such as shipping and receiving, stock clerk, nurse's aide, cashier, retail sales, typist, file clerk, receptionist. Personal counseling services will be offered to improve employability, and efforts will be made to maintain a 75 percent job placement rate. Students will attend classes five days a week, with classes lasting two hours per day. Students will receive from forty to sixty contact hours, depending on the program in which they are enrolled.

000182

Special Occupational Skills Project for Power Equipment Training and Placement of the Handicapped (Continuation).

Project Director: Loftin, Patrick

Organization: Austin State School, Austin, TX 78767

Telephone: (512) 454-4731

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230173

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$27,106

Descriptors: *Skill Development, *Job Placement, *Student Employment, *Curriculum Guides, *Power Technology, *Work Experience Programs, *Mechanical Equipment, *Young Adults, *Mental Retardation, Job Skills, Task Analysis, Manuals, Non-discriminatory Education, Industrial Education

Identifiers: Power Equipment, State, Proposal

A consortium of vocational services in power equipment operation from training to placement will be offered to mentally retarded clients. The McCarron-Dial evaluation system will be used to identify clients, ranging in age from eighteen to twenty-one; 60 percent of the clients will be female to eliminate stereotypic sex bias. Initial training will take place in a fully equipped shop area, where a one-to-four trainer-client ratio will be maintained. Each client will spend one hour per week at onsite locations to practice the skills learned. Task analyses will be developed for two types of equipment to expand the power equipment training curricula manual. A placement handbook will be developed and used in the placement process. Both documents will be disseminated to other facilities.

000185

Vocational Assessment of the Handicapped.

Project Director: Estes, Dwain M.

Organization: Education Service Center Region 20, San Antonio, TX 78209

Telephone: (512) 828-3551

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230221

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$49,927

Descriptors: *Individualized Programs, *Student Evaluation, *Student Placement, *Program Development, *Exceptional Persons, Testing, Student Interests, Student Ability, Measurement Instruments

Identifiers: State, Proposal

Education Service Center (ESC) Region 20 will provide a vocational

evaluation center and a staff to assist local education agencies (LEAs) in evaluating the vocational potential of handicapped students prior to their placement in vocational training programs. Staff will also help to develop and implement individual education plans (IEPs). To accomplish this, a resource list of appropriate test instruments will be developed to evaluate handicapped students. A comprehensive vocational evaluation will be completed on at least forty handicapped students under the direction of the vocational counselor and diagnostician. An IEP will be written for at least twenty of those students which will recommend specific programs for each. The efficacy of vocational evaluation information to be used in developing and implementing IEPs will be documented and disseminated in the form of a manual to LEAs in Texas and other ESCs.

000183**Local Vocational Information Bank.**

Project Director: Estes, Dwain M.

Organization: Education Service Center Region 20, San Antonio, TX 78209

Telephone: (512) 828-3551

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230222

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,000

Descriptors: *Data Bases, *Occupational Information, *Educational Opportunities, *Employment Opportunities, Information Dissemination, Entry Workers, Job Market, Counselor Training, Elementary Secondary Education

Identifiers: State, Proposal

A computer data bank containing information on local entry-level positions, local vocational and technical schools, and high school programs will be developed. Project staff will gather data by surveying local employers, vocational and technical schools, agencies, and high schools. They will then develop the necessary computer programs, entering the information into the data bank. At least one counselor from each participating school will attend a training program given by the staff. These trained counselors will, in turn, train five other staff members at their school. The project staff will provide technical assistance on the use of the program, as needed. This computer program will aid counselors and teachers in providing elementary, middle, and senior high school students with up-to-date information on occupational and educational opportunities.

000184**Increasing Occupational Awareness in Middle School Students of Limited English-Speaking Ability (Continuation).**

Project Director: Estes, Dwain M.

Organization: Education Service Center Region 20, San Antonio, TX 78209

Telephone: (512) 828-3551

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230223

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$30,000

Descriptors: *Career Awareness, *Individualized Programs, *Non English Speaking, *Inservice Education, *Learning Modules, Middle Schools, Elementary Secondary Education, Counselors, Technical Assistance, Vocational Education Teachers

Identifiers: State, Proposal

Project staff will train teachers and counselors to develop and implement individual occupational awareness plans for middle school students of limited English-speaking ability by using the comprehensive occupational awareness training module developed during the first year of the project. The staff will provide ongoing consultative technical assistance to these educators while they are training their students. An instrument will measure the students' increased occupational awareness as a result of this program. The goal of the project is to have 60 percent of the 250 students who have received orientation demonstrate increased occupational awareness. Trained teachers will later serve as trainers in their respective school districts.

000186**Joint Initiative in Vocational Education—Project JIVE.**

Project Director: Hafner, Donroy

Organization: Education Service Center Region 13, Austin, TX 78752

Telephone: (512) 458-9131

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230224

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,731

Descriptors: *Career Education, *Disadvantaged Youth, *Delinquents, *Program Development, *Individualized Programs, Program Planning, Followup Studies, Interagency Cooperation, School Community Relationship

Identifiers: State, Proposal

An individualized vocational awareness program will be planned, implemented, and evaluated at Gardner House, a juvenile detention facility, to serve its youth, the majority of whom are academically and socioeconomically disadvantaged. After the interest and support of area school districts is obtained, the literature will be reviewed for materials and approaches to use with this population. A procedure for developing vocational education transition and follow-up services with other agencies will be planned, implemented, and evaluated. To accomplish this, input from the Gardner House staff, local educational personnel, vocational education experts, and others will be sought. An advisory committee, composed of representatives of involved agencies, will evaluate the programs. Based on these first year evaluations, procedures will be revised and evaluated for the final report. These services will be integrated into the ongoing program at Gardner House.

000187**Micro/Mini Computer Operation Applied to Small Businesses in a Rural Area.**

Project Director: McKinnerney, Beryl

Organization: Ranger Junior College, Ranger, TX 76470

Telephone: (817) 647-3234

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230237

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$41,878

Descriptors: *Computers, *Rural Areas, *Program Development, *Short Courses, *Computer Oriented Programs, Junior Colleges, Adult Education, Curriculum Development, Postsecondary Education, Business Education

Identifiers: State, Proposal

A micro/mini computer training program with specific instruction in application and operation of micro/mini computers in small businesses and industries will be established at Ranger College. Project staff will develop an instructional system to include instructional materials to implement the program. A series of adult and vocational short courses will be designed and offered to train students recruited from local and area businesses and industries. Instruction with business application in recordkeeping, billing, filing, and inventory will be offered. The program will be valuable to other community and junior colleges in their efforts to meet the needs of their constituency.

000188**A Clerical Occupational Training Program for Disadvantaged Adults in the West Texas Area.**

Project Director: Bowers, Janette L.

Organization: Sul Ross State University, Alpine, TX 79803

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230255

Funding Period: Start Date 01 Aug 79; End Date 30 Jun 80

Fiscal Year Funding: \$28,331

Descriptors: *Clerical Occupations, *Disadvantaged, *Adult Education, *Non English Speaking, *Rural Areas, Job Training, Skill Development, Individualized Instruction, Typists, Office Occupations, Bookkeeping, Receptionists, Entry Workers

Identifiers: State, Proposal

Preparatory training will be provided for both English- and non-English-speaking disadvantaged citizens of the rural areas of West Texas to assist them in becoming employable in entry-level jobs and to offer self-paced instruction in which individuals can exit when the

employable level is reached. Training in the occupations of bookkeeper, clerk-typist, general office clerk, and receptionist will be emphasized. To determine students' present knowledge, pretests will be given. A sequence of study will be established according to the occupational goal sought, with students moving at their own pace until the goal is reached. Group instruction will be a facet of the total program, which can include up to twenty students each semester. To determine the effectiveness of the program, records will be maintained throughout the year. An article concerning the program will be submitted to a nationally distributed business education journal.

000189

Development of a Program to Provide Vocational Training to Limited English-Speaking Adults in a Correctional Setting.

Project Director: Murray, Lane

Organization: Windham School District (Texas Department of Corrections), Huntsville, TX 77340

Telephone: (713) 295-6371

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230302

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$25,562

Descriptors: *Correctional Education, *Program Development, *Job Training, *Bilingual Education, *Non English Speaking, *Instructional Materials. Prisoners, Spanish Speaking, Adults

Identifiers: State, Proposal

Under court mandate, the Windham school district will develop a bilingual program of vocational education opportunities for the inmate population of the Texas Department of Corrections. Available information and materials about bilingual vocational education will be collected, surveyed, and their feasibility for use in the Windham program studied. A program will then be developed to provide limited English-speaking adults with the necessary technical and English vocabulary to obtain employment in an English-speaking environment. Participants for the program will be identified and the procedures for their placement in vocational classes developed. Spanish bilingual support materials will be designed as will materials to train English-speaking teachers to use bilingual instructional delivery system. A formal evaluation will be conducted to determine the success ratio of limited English-speaking students after the component has been implemented.

Curriculum Development (Sec. 133)

000190

Development of Instructional Materials for the Educationally Handicapped Student.

Project Director: Hayes, John H.

Organization: East Texas State University, Commerce, TX

Telephone: (214) 886-5623

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230256

Funding Period: Start Date 10 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$72,915 (Charged to FY 1979)

Descriptors: *Instructional Materials, *Allied Health Occupations Education, *Trade And Industrial Education, *Office Occupations Education, *Educationally Disadvantaged, Exceptional Persons, Audiovisual Aids

Identifiers: State, Proposal

Written and audiovisual instructional materials to prepare educationally handicapped students for jobs in health, trade and industrial, or vocational office education fields will be developed and disseminated. Additional, related instructional materials will be developed to enhance the regular and special education teacher's ability to provide a more effective vocational training program for these students.

000439

Development of Instructional Materials for Educationally Disadvantaged Students.

Project Director: Hayes, John H.

Organization: East Texas State University, Commerce, TX 75428

Telephone: (214) 886-5623

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230257

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$204,606 (Charged to FY 1979)

Descriptors: *Instructional Materials, *Educationally Disadvantaged, *Non English Speaking, *Task Analysis

Identifiers: State, Proposal

Instructional materials for educationally disadvantaged and limited-English-speaking students enrolled in coordinated vocational academic training will be developed, printed, and disseminated. Additional task listings for job titles to reflect actual tasks performed will be developed to serve as a basis for the materials.

000191

Development of Secondary and Postsecondary Vocational Instructional Materials.

Project Director: Hayes, John H.

Organization: East Texas State University, Commerce, TX

Telephone: (214) 886-5623

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230258

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$149,378 (Charged to FY 1979)

Descriptors: *Allied Health Occupational Education, *Office Occupations Education, *Auto Mechanics, *Instructional Materials, Postsecondary Education, Recreation, Individualized Instruction, Secondary Education, Material Development, Audiovisual Aids

Identifiers: Proposal, State

Student learning packages including audiovisuals will be developed for postsecondary business education programs. Individualized study guides will be written for secondary students enrolled in health occupations education and vocational office education. Also, a course outline for recreation vehicle maintenance will be produced. All materials will be developed using current occupational data and resource materials and field tested. These materials will encourage students of both sexes to enter nontraditional career fields.

000192

Vocational Instructional Services for the Disadvantaged in Agricultural Education.

Project Director: Page, Foy

Organization: Texas A&M University, College Station, TX

Telephone: (703) 779-3880

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230399

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$42,816

Descriptors: *Sex Discrimination, *Instructional Materials, *Non-traditional Occupations, *Agricultural Education, *Disadvantaged Youth, Transparencies, Secondary Education

Identifiers: State, Proposal

Specific curriculum materials needed in the state vocational agriculture education program will be determined. Curriculum materials for disadvantaged students for overcoming sex bias in vocational education, for students enrolled in programs traditionally limited to the opposite sex, and for improving the vocational agricultural education program will be developed, produced, and disseminated. The Texas Education Agency will be assisted in providing inservice training in the use of the materials. Two manuscripts and illustrations for two sets of color transparencies will be developed.

000440

Vocational Instructional Services for the Handicapped in Agricultural Education (Continuation).

Project Director: Page, Foy

Organization: Texas A&M University, College Station, TX

Telephone: (713) 799-3880

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230400

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$40,705 (Charged to FY 1979)

Descriptors: *Instructional Materials, *Sex Fairness, *Nontraditional Occupations, *Agricultural Education, *Disabilities, Inservice Teacher Education, Information Dissemination, Material Development, Visual Aids

Identifiers: State, Proposal

Curriculum materials for handicapped students, for overcoming sex bias in vocational education, for students enrolled in programs traditionally limited to the opposite sex, and for improving the vocational agricultural education program will be developed, produced, and disseminated. The Texas Education Agency will be assisted in providing in-service training in the use of the materials. Two manuscripts and illustrations for two sets of color transparencies will be developed.

000441

HE-VEH Instructional Materials.

Project Director: Bell, Camille

Organization: Texas Tech University, Lubbock, TX

Telephone: (806) 742-3037

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 90230401

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$46,753 (Charged to FY 1979)

Descriptors: *Program Guides, *Instructional Materials, *Inservice Teacher Education, *Career Education, *Exceptional Persons, Material Development, Information Dissemination, Readability

Identifiers: State, Proposal

An orientation to the world of work guide for vocational education for the handicapped (VEH) programs will be developed and printed. The readability of student references recommended in VEH instructional materials will be developed materials for the handicapped will be disseminated nationwide. The project will also assist with in-service education in the use of instructional materials at state in-service education conferences and workshops.

000442

Vocational Instructional Services in Industrial Education.

Project Director: Page, Foy

Organization: Texas A&M University, College Station, TX

Telephone: (713) 779-3880

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230043

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$236,347

Descriptors: *Instructional Materials, *Nontraditional Occupations, *Industrial Education, *Metric System, *Economic Education, *Material Development, Inservice Teacher Education, Sex Fairness, Visual Aids

Identifiers: State, Proposal

Curriculum materials will be developed, produced, and disseminated for different trades and occupations, to overcome sex bias, to assist students enrolled in programs traditionally limited to the opposite sex, to create an awareness and knowledge of the free enterprise to improve vocational industrial education programs, and to teach the metric system. Seven new publications will be produced. Two publications will be revised. Two sets of transparencies; one set of slides, script, and tape; and sixty technical information tests will be developed. The Texas Education Agency will be assisted in providing in-service teacher education in the proper use of the materials.

000024

Vocational Instructional Services in Agricultural Education.

Project Director: Page, Foy

Organization: Texas A&M University, College Station, TX 77840

Telephone: (713) 779-3880

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230047

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$273,979

Descriptors: *Instructional Materials, *Nontraditional Occupations, *Sex Discrimination, *Vocational Agriculture, *Agricultural

Education

Identifiers: State, Proposal

Curriculum materials will be developed, produced, and disseminated for overcoming sex bias in vocational education, for students enrolled in programs traditionally limited to the opposite sex, and for improving the vocational agricultural education program in the state. The Texas Education Agency will be assisted in providing inservice teacher education for using the materials. Eighty-two new and 206 revised publications, transparency, and slide sets will be disseminated.

000635

Operation of a Center for the Development of Home Economics Instructional Materials (Continuation).

Project Director: Bell, Camille

Organization: Texas Tech University, Lubbock, TX

Telephone: (806) 742-3037

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230051

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$112,889

Descriptors: *Cooperative Education, *Home Economics Education, *Curriculum Guides, *Food Service Occupations, *Textiles Instruction, *Instructional Materials Centers, Teaching Guides, Sex Fairness, Information Dissemination, Instructional Materials

Identifiers: State, Proposal

Project staff will develop a fabric/fashion coordinator guide for the home economics cooperative education program; revise the food service employee guide for adding units on baking, school food service, and catering and eliminating sex bias; revise the handbook for home economics cooperative education; evaluate the six curriculum guides for useful homemaking for evidence of sex bias; disseminate existing and newly developed materials nationwide; and assist with in-service education in use of the materials.

000443

Curriculum Materials for Marketing and Distributive Education and Industrial Cooperative Training Programs (Continuation).

Project Director: Hatfield, Thomas M.

Organization: University of Texas, Austin, TX

Telephone: 471-3123

Sponsoring Agency: Texas Education Agency, Austin

Contract/Control No.: 00230053

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$232,527

Descriptors: *Competency Based Education, *Distributive Education, *Marketing, *Cooperative Education, *Industrial Education, Postsecondary Education

Identifiers: State, Proposal

A competency-based advanced marketing curriculum for second-year cooperative students in marketing and distributive education will be researched, field tested, revised, and prepared for final development. This will create a four-level curriculum and provide a separate curriculum for postsecondary programs in mid-management. In addition, a competency-based curriculum for industrial cooperative training will be researched and field tested. Individualized instruction projects begun the previous contract year will be completed and disseminated.

UTAH

Exemplary and Innovative (Sec. 132)

001727

**Career Development Project in Business and Office Education
for Junior High Schools.****Project Director:** Stocker, H. Robert**Organization:** Utah State University, Logan, UT 84322**Sponsoring Agency:** Utah State Board for Vocational Education,
Salt Lake City**Funding Period:** Start Date 01 Aug 79; End Date 30 Jun 80**Fiscal Year Funding:** \$20,000**Descriptors:** *Office Occupations Education, *Discovery Learning,
*Career Education, *Learning Modules, Middle Schools, Junior
High Schools, Business Education**Identifiers:** State, Proposal

Twenty-seven packaged transportable modules representative of eight areas in the business and office occupational cluster will be developed and tested in nine pilot schools. Middle and junior high school students will participate in hands-on exploratory experiences to develop positive attitudes toward business careers, explore business occupations and job families, understand the variety of jobs in business, know worker qualifications needed to perform jobs, develop an understanding of interpersonal relationships in a business environment, and avoid discrimination in business and life.

VERMONT

Exemplary and Innovative (Sec. 132)

000291

String 2.

Project Director: Weiss, Alan H.

Organization: Weiss Associates, 73 Main Street, Montpelier, VT 05402

Sponsoring Agency: Vermont State Dept. of Education, Montpelier

Contract/Control No.: 080076-2

Funding Period: Start Date 25 Apr 80; End Date 30 Sep 80

Fiscal Year Funding: \$17,000

Descriptors: *Academically Gifted, *Grade 8, *Summer Programs,

*Career Exploration, *Talent

Identifiers: State, Proposal

An intensive one-week vocational program for ninety vocationally gifted and talented graduating eighth grade students will be held to provide students with vocational experiences in one of seven areas: health, graphics, quantity foods, auto building trades, electronics/communication, and agriculture. Students will be pre and posttested to measure sex bias change, information gain, and career goal change. Students will have access to an area for research, equipment, and materials not available to them in a regular classroom, and will be assisted by resource persons in the library and in a career orientation program. A preservice workshop for teachers, senior counselors, and the task force will be held to coordinate project operation and evaluation. Instructors will develop and carry out a lesson plan for a week and report on students' progress project validity and career awareness. A final report and pictures or slides of project activities will be delivered.

VIRGINIA

Research (Sec. 131)

000636

Coordination of Articulation and Competency-Based Education Projects.

Project Director: Hoerner, James L.

Organization: Virginia Polytechnic Institute and State University, Blacksburg, VA 24061

Telephone: (703) 961-5319

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: VA-80-C-131-3-AD-001

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$24,985

Descriptors: *Competency Based Education, *Articulation Education, *Models, *Institutional Cooperation, Secondary Education, Community Colleges, Inservice Education, Postsecondary Education

Identifiers: State, Proposal

A third-party agency will assist the Virginia department of education in this three-year project by coordinating the efficient development and implementation of four articulation and three competency-based secondary education models to be selected. Project participants will clarify model direction, provide in-service training, and provide consultation in the development of articulation agreements. In addition, participants will disseminate formats for curriculum materials, establish systematic onsite visitation schedules, and conduct continuous evaluations, provide direction for audiovisual products, and assist in disseminating products to other agencies. A final report will be delivered.

000444

Vocational Education Reporting System (VERS) Project (Continuation).

Project Director: Elson, Donald E.

Organization: Virginia Polytechnic Institute and State University, 215 Lane Hall, Blacksburg, VA 24061

Telephone: 961-5237

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: VA-79-C-131-2-RS-001

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$42,924

Descriptors: *Educational Planning, *Records Forms, *Outcomes of Education, *Data Collection, *Management Information Systems, Program Guides, Information Dissemination

Identifiers: State, Proposal

During the second year of the project, the VERS data forms and the user's manual will provide the means to collect information necessary for planning vocational education programs in Virginia. The staff of the Division of Vocational and Adult Education and the Division of Management Information Systems will revise the forms and manual after which they will be printed and distributed. Project staff also will analyze the data from the Division of Management Information Systems and prepare the report entitled 'Outcomes of Vocational Education in Virginia'. Other activities of benefit to the Division of Vocational Adult Education will be conducted.

000193

An Impact Assessment of the Use of Vocational-Technical Education Consortium of States (V-TECS) and Interstate Distributive Education Curriculum Consortium (IDECC) Materials on the Vocational Education Program in Virginia.

Project Director: Swartz, Ned E.

Organization: James Madison University, Harrisonburg, VA 22807

Telephone: (703) 433-6453

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: VA-80-C-131-1-AD-001

Funding Period: Start Date 13 Nov 79; End Date 01 Jun 80

Fiscal Year Funding: \$25,268

Descriptors: *Articulation Education, *Competency Based Education, *Program Evaluation, *Use Studies, Evaluation Methods, Instructional Materials, Secondary Education, Postsecondary Education

Identifiers: *Interstate Distributive Education Curriculum Consortium, *Vocational Technical Education Consortium States, State, Proposal

System will be developed for assessing the impact of individual V-TECS and IDECC products and the impact on user groups such as students, instructors, local and state supervisors, and teacher educators. The project will also determine types of uses of products, adaptations made, instructional materials developed from the products, and use of V-TECS and IDECC products vertical and horizontal articulation. A list of all persons who have received competency-based vocational education and the extent and nature of that instruction will be produced.

000637

Vocational-Technical Education Consortium of States in Virginia (Continuation).

Project Director: Oliver, J. Dale

Organization: Virginia Polytechnic Institute and State University, 215 Lane Hall, Blacksburg, VA 24061

Telephone: (703) 961-5237

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: VA-78-C-131-3-AD-001

Funding Period: Start Date 01 Jul 77; End Date 30 Jun 80

Fiscal Year Funding: \$113,556

Descriptors: *Behavioral Objectives, *Competency Based Education, *Criterion Referenced Tests, *Curriculum Guides, Task Analysis, Secondary Education, Postsecondary Education, Check Lists

Identifiers: *Vocational Technical Education Consortium States, State, Proposal

Catalogs of performance objectives, criterion-referenced measures, and performance guides will continue to be developed to assist vocational education teachers in implementing competency-based instruction. Project staff will determine what has been developed in performance objectives and criterion-referenced measures in selected occupational areas and survey incumbent workers to determine the tasks performed and relative amount of time spent on each. Survey results will be used to develop the catalogs, which will then be field tested to determine their instructional validity. Final versions will reflect field test results. Consulting assistance will be provided in the statewide in-service training effort on using the catalogs.

Exemplary and Innovative (Sec. 132)

000194

Arlington Competency-Based Education Program.

Project Director: Young, William P.

Organization: Arlington School Board, 1426 N. Quincy Street, Arlington, VA 22207

Telephone: (703) 684-9000

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: VA-80-C-132-3-AD-001A

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 82

Fiscal Year Funding: \$33,732

Descriptors: *Competency Based Education, *Articulation Program, *Instructional Materials, *Program Development, *Inservice Teacher Education, Program Planning, Curriculum Guides, Learning Modules

Identifiers: State, Proposal

The Arlington competency-based education program will assist Virginia school districts which teach similar vocational education courses by coordinating and articulating vocational education programs. Project staff will develop a list of tasks and performance objectives, a curriculum guide, and a set of criterion-referenced measures for each course; a system for recording student achievement; a sequence of learning activities for articulation; a procedure for coordinating and articulating among schools; a classroom delivery and management system for competency-based education; a system for curriculum and competency measurement in each vocational area; and an instructional module for updating curriculum and competency-based education requirements. Competency-based education instructional procedures will also be developed and implemented in each course and subsequently evaluated. Credit and noncredit inservice training will be conducted and teaching materials identified, procured, or developed. Technical assistance will be provided to teachers to help them incorporate competency-based education materials and develop learning modules.

000025

Implementation of a Competency-Based Instructional Program for Teachers of Vocational Education.

Project Director: Johnson, Ralph W.

Organization: Gloucester County Schools, Box 770, Gloucester, VA 23061

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C132-3-AD-001C

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 82

Fiscal Year Funding: \$33,000

Descriptors: *Competency Based Education, *Instructional Materials, *Program Development, Articulation Education, Secondary Education, Curriculum Guides, Teaching Procedures, Behavioral Objectives, Criterion Referenced Tests, Inservice Teacher Education, Interinstitutional Cooperation

Identifiers: State, Proposal

The implementation of competency-based education in the vocational education programs in Gloucester County will serve as a model for other school divisions. Vocational programs among schools will be articulated and coordinated. Project personnel will develop (1) a classroom delivery and management system for implementing competency-based education for each course in a vocational program; (2) curriculum guides and course outlines for all programs; (3) a procedure for coordinating and articulating vocational education programs among the junior high school, the senior high school, and the vocational-technical center; and (4) instructional procedures and teaching materials for implementing competency-based education in each course, incorporating performance objectives and criterion-referenced measures into existing instructional materials. Inservice training will be provided on the Vocational-Technical Education Consortium of States, Interstate Distributive Education Curriculum Consortium, and other competency-based materials.

Curriculum Development (Sec. 133)

001728

Competency-based Curriculum for a Semester Course in Child Development-Parenthood Education.

Project Director: Greenleaf, Loretta

Organization: James Madison University, Harrisonburg, VA 22807

Telephone: (703) 433-6579

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1-HE-002

Funding Period: Start Date 16 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$3,000

Descriptors: *Child Development, *Competency Based Education, *Parenthood Education, Curriculum Development, Postsecondary Education

Identifiers: State, Proposal

A competency-based curriculum for a semester course in child development-parenthood education will be developed, reviewed by state personnel, and delivered in camera-ready form.

000638

Development of the Industrial Arts Safety Guide and the Industrial Arts Multiple Activities Guide.

Project Director: Dixon, James D.; Bame, E. Allen

Organization: Virginia Polytechnic and State University, Blacksburg, VA 24060

Telephone: (703) 961-6818

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1-1A-004

Funding Period: Start Date 16 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$6,957

Descriptors: *Program Guides, *Safety Education, *Safety Equipment, *Laboratory Safety, *Learning Activities, *Industrial Arts, Industrial Arts Teachers

Identifiers: State, Proposal

A safety guide and multiple activities guide will be developed to assist industrial arts teachers in integrating safety and multiple activity concepts into industrial arts laboratory work. Activities in personnel systems, materials management, and tools and equipment organization and information on student associations and safety will be included in the activities guide. Materials for the two guides will be reviewed and revised with assistance from advisory committees composed of teachers, local supervisors, and the industrial arts service. Camera-ready copy of the guides will be prepared.

001729

Development of American Industrial Arts Student Association (AIASA) Support Materials and Publications.

Project Director: Van Dyke, Arvid

Organization: Virginia State University, Petersburg, VA 23803

Telephone: (804) 520-5433

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1-1A-002

Funding Period: Start Date 16 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$9,000

Descriptors: *Industrial Arts, *Student Organizations, *Publicity, *Faculty Handbooks, Television Commercials, Slides, Audiotape Recordings

Identifiers: State, Proposal

Project staff will prepare handbooks for AIASA officers, develop a slide-tape presentation about using AIASA in industrial arts instruction, prepare a teachers' and advisers' manual with state forms related to AIASA, and produce television announcements for public information about industrial arts and the student association.

000196

Curriculum Materials Development in Agricultural Education.

Project Director: Clouse, James P.

Organization: Virginia Polytechnic Institute and State University, Division of Vocational-Technical Education, Blacksburg, VA

Telephone: (703) 961-6836

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-3-AG-001

Funding Period: Start Date 16 Jul 79; End Date 31 May 82

Fiscal Year Funding: \$20,000

Descriptors: *Agricultural Education, *Vocational Education Teachers, *Instructional Materials, *Continuing Education, Adult Vocational Education, Secondary Education, Publications, Teacher Developed Materials, Curriculum Development

Identifiers: State, Proposal

Virginia agricultural education teachers will be provided with current instructional materials to enable them to better serve the needs of secondary and adult students. Annually for three years, faculty of the college of education and the college of agriculture and life sciences at Virginia Polytechnic Institute and State University will prepare at least ten technical publications, four professional education publications, and one publication on organizing and operating continuing educa-

tion programs. At least two technical agricultural publications will be purchased annually. Materials will be disseminated at area meetings, at the Virginia agricultural education teachers conference, or at other appropriate meetings.

000197

Development of the Materials and Processes Technology Curriculum Guide.

Project Director: Ritz, John M.; Joyner, David I.

Organization: Old Dominion University, Research Foundation, Norfolk, VA 23508

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1-IA-003

Funding Period: Start Date 16 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$3,930

Descriptors: *Industrial Arts, *Curriculum Guides, *Technology, Curriculum Development, Industrial Arts Teachers, Educational Resources

Identifiers: State, Proposal

An industrial arts curriculum guide, "Materials and Processes Technology," will be developed to assist teachers and administrators in offering this program. Existing resources from other states, competency catalogs, and teacher workshops will be reviewed, and project personnel will confer with experts in developing an outline of contents. The guide will be compiled and subsequently validated by an advisory committee, community college personnel, and Industrial Arts Service. After the guide has been revised, camera-ready copy will be prepared.

000198

Curriculum in Family Living for Consumer and Homemaking Programs.

Project Director: Dewald, Margaret B.

Organization: Virginia Polytechnic Institute and State University, Division of Vocational-Technical Education, 304 Lane Hall, Blacksburg, VA 24061

Telephone: (703) 961-5377

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1-HE-003

Funding Period: Start Date 16 Jul 79; End Date 31 May 80

Fiscal Year Funding: \$2,983

Descriptors: *Curriculum Guides, *Home Economics, *Family Life Education, *Articulation Program, *Competency Based Education, Curriculum Development, Home Economics Teachers, High School Students, Secondary Education, Teacher Developed Materials

Identifiers: State, Proposal

Family living teachers will be provided with an articulated, competency-based curriculum guide for a two-year course for high school juniors and seniors. The guide, including concepts, competencies, generalizations, suggested learning activities, criterion-referenced measures, and suggested references and resources, will be developed by eight home economics teachers during a four-day workshop at Virginia Polytechnic Institute and State University. Four teachers and department personnel will then review and critique the guide prior to preparation of camera-ready copy.

000199

Proposal to Revise and Expand the Use of Two Existing Adult Mini-Courses and Develop One New Course.

Project Director: Reece, Barry L.

Organization: Virginia Polytechnic Institute and State University, Division of Vocational Technical Education, Lane Hall, Room 214, Blacksburg, VA 24061

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: 133-78-4

Funding Period: Start Date 15 Oct 79; End Date 30 Jun 80

Fiscal Year Funding: \$2,504

Descriptors: *Adult Education, *Distributive Education, *Job Skills, *Short Courses, *Salesmanship, *Instructional Materials, Distributive Education Teachers, Course Evaluation

Identifiers: State, Proposal

The state distributive education (DE) service has an objective to develop short, intensive courses for adults to help them acquire competencies needed for getting their first job or for self-employment, improved performance, or job advancement. During phase I, the instructor's manual and selected segments of the audiovisual presentation for two existing courses—"Contact: Making Positive First Impressions," and "Sales Effectiveness Training"—will be revised, especially to provide increased representation of minorities. Ten copies of each course will be produced for use by local school divisions, and thirty local distributive education teacher-coordinators will be trained to teach one of the courses. A special effort will be made to increase use of the courses in areas of the states where they are not now used. The project will be evaluated in two ways: teacher-coordinators who completed an adult DE mini-course certification class during the 1978-79 school year will complete evaluation questionnaires, and persons who complete either of the two mini-courses will be asked to fill out course evaluation forms. During additional phases of this project, a third competency-based mini-course will be developed, revised, and instructional packages produced; and thirty teacher-coordinators will be trained to teach the course.

000639

Development of an Instructional Device to Identify and Record Student Progress in Industrial Arts.

Project Director: Ritz, John M.

Organization: Virginia Industrial Arts Association, Department of Vocational and Technical Arts Education, Old Dominion University, Norfolk, VA 23508

Telephone: 535-4305

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: VA-80-C-133-1A-005

Funding Period: Start Date 15 Nov 79; End Date 31 May 80

Fiscal Year Funding: \$10,500

Descriptors: *Industrial Arts, *Student Evaluation, *Competence, *Evaluation Methods, Measurement Individuals

Identifiers: State, Proposal

Instructional devices to evaluate and record student competence in the cognitive, affective, and psychomotor domains of eight industrial arts courses will be developed, field-tested, revised, and prepared in camera ready form. The planned system for recording student progress could result in computerization and establishment of standardized tests.

000195

Vocational Education Curriculum Development Satellite Project (Continuation).

Project Director: Ramey, Walter S.

Organization: Virginia Commonwealth University, School of Education, 901 West Franklin Street, Richmond, VA 23284

Telephone: (804) 257-1332

Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract/Control No.: 133-78-18

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 82

Fiscal Year Funding: \$261,158

Descriptors: *Systems Development, *Information Dissemination, *Instructional Materials, *Media Selection, *Competency Based Education, Curriculum Development, Inservice Programs, Program Coordination

Identifiers: State, Proposal

A satellite curriculum development unit will be created to consolidate the delivery of curriculum materials and services, thus leading to greater flexibility and improved efficiency in the administration of the state vocational education program. A system for preparing and disseminating materials will be developed and will be coordinated with the state staff and vocational education teachers. The state staff, whose activities will be coordinated with the V-TECS staff, will be assisted in obtaining and evaluating instructional materials and media. Materials from other states will be obtained and revised; successful research, exemplary, and innovative programs will be promoted. The unit will also coordinate the development of competency based curriculum materials and will assist the state supervisor in coordinating services available through state, regional, and national curriculum networks. In cooperation with the vocational education curriculum development and personnel units of the division of vocational educa-

tion, the satellite unit will provide in-service training in the use of new curriculum materials and other instructional media.

001730

Development of a Manual for Vocational Industrial Clubs of America (VICA) Advisers (Continuation).

Project Director: Duenk, Lester G.

Organization: Virginia Polytechnic Institute and State University, Blacksburg, VA 24061

Telephone: (703) 961-5175

Sponsoring Agency: Virginia State Dept. of Education, Richmond

Contract/Control No.: 133-78-8

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,996

Descriptors: *Guides, *Youth Programs, *Youth Clubs, Secondary Education

Identifiers: State, Proposal, *Vocational Industrial Clubs of America

A VICA adviser's manual will be developed, printed, and distributed to all VICA advisers and vocational principals in Virginia. One hundred copies will be made available for sale. Topics will include how VICA operates; national, state, and local structure; goals and programs; symbolism; how to start a club; planning club meetings; developing leadership; club activities; public relations; and state constitution and by-laws.

WASHINGTON

Research (Sec. 131)

001612

Small Business Management Curriculum Modification.

Project Director: Palmer, Rodger E.

Organization: Independent School District 709, Duluth, MN

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJM(084)ER

Funding Period: Start Date 01 Oct 80; End Date 30 Jun 80

Fiscal Year Funding: \$1,000

Descriptors: *Instructional Materials, *Management Development

Identifiers: State, Proposal, *Small Business Management, *Small Businesses

Instructional materials for small business management programs will be updated; a five-day workshop for instructors will be held to review, revise, and validate the materials.

001613

Preservice, In-service Teacher Training and Vocational Certification.

Project Director: Watson, Ken

Organization: Marysville School District 23, 4220 80th Street, NE, Marysville, WA 98270

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJP(100)NC

Funding Period: Start Date 10 Oct 79; End Date 01 Dec 80

Fiscal Year Funding: \$2,000

Descriptors: *Inservice Teacher Education, *Preservice Teacher Education, *Needs Assessment, *Vocational Education Teachers, *Teacher Certification, Surveys, Teacher Background

Identifiers: State, Proposal

The preservice and in-service teacher training needs of nondegree vocational teachers will be determined. A questionnaire will be designed and field tested at the Washington vocational conference using available technical and industrial teachers, then sent to 117 nondegree vocational instructors. The data will be analyzed and a final report delivered to the commission for vocational education.

Exemplary and Innovative (Sec. 132)

000280

Fishing Industry Specialization.

Project Director: Fankhauser, Verne

Organization: La Crosse School District 311, Everett, WA 98257

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 79-AHT(219)NC

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$11,775

Descriptors: *Field Experience Programs, *Certification, *Marine Biology, *Fisheries, *Nontraditional Education, Curriculum Development, Secondary Education

Identifiers: State, Proposal

A nontraditional course of study and work experience, to be approved by employers and the school board, will be designed for the second year of a program culminating in high school completion with a certificate of fishing industry specialization. Instructional units in basic marine biology and areas applicable to the fishing industry will be developed. A high school diploma or equivalent and a certificate of fishing industry specialization, attesting to competency, will be

awarded upon program completion. A final report will be submitted to the Commission for Vocational Education.

Curriculum Development (Sec. 133)

000640

Multimedia Introduction to Data Processing and Computer Science Concepts.

Project Director: Lecoq, Paul

Organization: Washington State Community College, District 17, North 2000 Gresne Street, Spokane, WA 99207

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJ1(179)NN

Funding Period: Start Date 18 Mar 80; End Date 01 Mar 81

Fiscal Year Funding: \$13,436

Descriptors: *Data Processing Occupations, *Computer Science Education, *Multimedia Instruction, *Independent Study, *Computer Assisted Learning, Audiovisual Instruction, Videotape Recordings, Audiotape Recordings, Postsecondary Education

Identifiers: State, Proposal

A self-teaching curriculum for a beginning data processing and computer science (DP/CS) class will be developed. Videotape presentations of introductory computer/data processing materials, computer-assisted learning programs, and handbooks and laboratory workbooks also will be developed. Methods for instruction will include visual/aural-videotape, visual/manual-computer instruction program, and reference/availability written texts. All activities and components will be coordinated to assure maximum coverage and reinforcement. Materials will be field tested. The materials could be used as a basic introduction for non-DP/CS students, counselors, and prospective DP/CS students. A final report will be delivered.

000641

In-service Vocational Teacher Education Instructor's Guide.

Project Director: Primavera, Joanne

Organization: Renton Vocational-Technical Institute, 3000 NE Fourth Street, Renton, WA 98055

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJW(115)NP

Funding Period: Start Date 04 Feb 80; End Date 30 Jun 81

Fiscal Year Funding: \$17,000

Descriptors: *Inservice Teacher Education, *Competency Based Teacher Education, *Instructional Materials, *Curriculum Guides

Identifiers: State, Proposal

Eight in-service instructional units will be revised or prepared. Instructors currently certified to teach the units will be contacted and the outlines which they use will be reviewed. Unit guides from other states and performance based vocational-technical education materials from Ohio State University will be reviewed. A task force of not more than seven persons will be selected to review topic outlines and guides. The guides will include topic outlines; objectives for each section; and suggested activities, instructional materials, and assessment methods.

000642

Trade and Industrial Education Student Learning Objectives.

Project Director: Gallacher, Donald W.

Organization: Seattle School District, 520 NE Ravenna Boulevard, Seattle, WA 98115

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJX(114)NC

Funding Period: Start Date 04 Feb 80; End Date 30 Sep 80

Fiscal Year Funding: \$17,000

Descriptors: *Behavioral Objectives, *Cooperative Planning, *Trade and Industrial Education, Teacher Developed Materials, Instructional Materials, Secondary Education, Postsecondary Education

Identifiers: State, Proposal

Student learning objectives will be developed in fourteen subject matter areas including automotive maintenance, electrical and electronic drafting, machine drafting, auto body repair, architectural drafting, air-cooled gas engine repair, carpentry, automotive mechanics, welding, commercial art, commercial food, home entertainment, industrial electronics, and graphic communications. A principal investigator and a steering committee composed of at least five local vocational directors and fourteen teacher-writing teams from seven school districts and representatives from the Commission for Vocational Education will develop, review, and evaluate the outcomes of the total project. A model for the development of student learning objectives will be produced and submitted to the Commission for Vocational Education and the director in research coordinating unit.

000643

Management of Building Environment for Comfort and Energy Conservation.

Project Director: Swenson, Don

Organization: North Seattle Community College, 9600 College Way, North, Seattle, WA 98103

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJY(146)NN

Funding Period: Start Date 18 Feb 80; End Date 31 Dec 80

Fiscal Year Funding: \$1,950

Descriptors: *Energy Conservation, *Environmental Standards, *Building Operation, *Conservation Environment, Community Colleges, Postsecondary Education, Environmental Education

Identifiers: State, Proposal

A curriculum will be developed to provide community college level courses in energy conservation as related to environmental control in buildings. An outline of courses including course descriptions, objectives to be attained, required and suggested texts and a topical outline will be developed to show major areas of instruction. Teaching plan outlines will include the major division of materials to be taught, discussion topics, demonstration activities, instructional aids and assignments. Curriculum outlines will describe the teaching methods, facilities required, administrative requirements and evaluation procedures. A building management curriculum and a final report will be delivered.

000644

Microcomputer-Based Instructional Accounting Package.

Project Director: Kahl, James

Organization: Lower Columbia College, Longview, WA 98632

Sponsoring Agency: Washington State Commission for Vocational Education, Olympia

Contract/Control No.: 80-AJZ(169)NN

Funding Period: Start Date 01 Mar 80; End Date 31 Dec 80

Fiscal Year Funding: \$9,942

Descriptors: *Minicomputers, *Computer Science Education, *Accounting, *Bookkeeping, *Teaching Guides, *Computer Programs, *Programming, Recordkeeping, Business Education, Postsecondary Education, Instructional Materials

Identifiers: State, Proposal

A microcomputer-based accounting package will be developed for use by accounting and bookkeeping instructors to prepare students for employment in business and industry. Project staff will contact manufacturers and members of industry currently using microcomputers to obtain information on the most current and reliable system in use. The following materials will be developed: (1) a student workbook with microcomputer operating instructions and sample problems, and automated accounting principles and practices; (2) an instructor's guide containing information on incorporating the microcomputer into the accounting curriculum; and (3) a set of com-

puter programs, program documentation, and sample data banks to be used with the program. The programs will provide recordkeeping in inventory, payroll, and payables and will address problems related to managerial accounting, including cost-volume profit analysis, regression analysis of cost-behavior patterns, linear programming, and capital budget applications. A final report will be delivered.

WEST VIRGINIA

Research (Sec. 131)

000201

Development of Strategies and Procedures for Improving Job Placement and Follow-through Services for Vocational Students as a Function of Vocational Guidance.

Project Director: Montebell, Thomas G.

Organization: Research Coordinating Unit, Marshall University,
307 Old Main, Huntington, WV 25701

Sponsoring Agency: West Virginia State Dept. of Education,
Charleston

Contract/Control No.: BVTAE-76-WV-80-R-1

Funding Period: Start Date 16 Apr 79; End Date 30 Jun 80

Fiscal Year Funding: \$18,000

Descriptors: *Job Placement, *Vocational Followup, *Career Guidance, *Job Search Methods, *Employment Services, Research Utilization, Guidelines, Guidance Personnel, Material Development

Identifiers: State, Proposal

Job placement services for vocational education students will be improved, and students will be better prepared with job-seeking skills. Current state programs, task force expertise, and materials for conducting a longitudinal system of job placement and follow-through will be developed and subsequently field tested in selected state sites. A set of procedural guidelines, including forms, will be developed and disseminated to vocational guidance personnel, and training sessions on use of the materials will be established.

ERRATA

West Virginia Curriculum Development
(Sec. 133) resumes are on pages 179-181
in the Texas section.

WISCONSIN

Research (Sec. 131)

000645

Center for Vocational, Technical, and Adult Education (Continuation).

Project Director: Nelson, Orville

Organization: University of Wisconsin-Stout, Menomonie, WI 54751

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 30

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$60,000

Descriptors: *Needs Assessment, *Vocational Education Teachers, *Professional Development, *Education Service Centers, *Research and Development Centers, Program Evaluation, Information Dissemination, Research Projects

Identifiers: State, Proposal

Needs of vocational educators in Wisconsin will be identified; professional development activities will be coordinated and conducted. Educators will be assisted in evaluating programs, activities, and services. Applied research in needed areas will be conducted, and information about vocational education in Wisconsin will be disseminated. An advisory committee will continue to identify priorities for the center. Linkages with state agencies will help in developing and conducting selected projects. Copies of final reports of projects will be disseminated to local districts, state agencies, and ERIC.

000646

Graduate Student Research (Continuation).

Project Director: Nelson, Orville

Organization: University of Wisconsin-Stout, Center for Vocational, Technical, and Adult Education, Menomonie, WI 54751

Telephone: (715) 232-1382

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 30

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$4,000

Descriptors: *Graduate Students, *Research Skills, *Student Research, Educational Researchers, Higher Education

Identifiers: State, Proposal

Graduate students needing a research project will consult with state and local agencies to determine the feasibility of conducting selected projects. Projects will be reviewed by university and research coordinating unit staff before they are implemented. Graduate students will develop skills and attitudes necessary to design, manage, and carry out a small research project and will respond to research needs, problems, and priorities identified in vocational delivery systems. Final reports will be disseminated for each project conducted.

000647

Validation of Diesel Mechanics Two-Year Diploma Program.

Project Director: Meixner, Merle

Organization: Madison Area Technical College, 211 North Carroll Street, Madison, WI 53703

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 04

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$3,440

Descriptors: *Auto Mechanics, *Diesel Engines, *Graduate Surveys, *Course Evaluation, Associate Degrees

Identifiers: State, Proposal

Tasks and knowledge required of diesel mechanics will be verified in this project. Program graduates from 1976-79 and their employers will be surveyed to obtain their evaluations and perceptions of the vocational education program and suggestions for improvement. The diesel mechanics program will be updated based on survey results. Twenty-five copies of a final report will be disseminated.

001731

Graphic Arts Study.

Project Director: Crandall, William

Organization: Milwaukee Area Technical Center, 1015 North Sixth Street, Milwaukee, WI

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 09-024-150-310

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$8,784

Descriptors: *Graphic Arts, Curriculum Development, Graduate Surveys, Questionnaires

Identifiers: State, Proposal

Graphic arts programs will be updated based on a survey of the field. Tasks and knowledge required on the job will be verified and feedback for curriculum improvement obtained from former students and employers. A final report will be delivered.

001732

Wisconsin Vocational Educator Magazine.

Project Director: Strong, Merle

Organization: University of Wisconsin-Madison, Wisconsin Vocational Studies Center, 964 Educational Science Building, 1025 West Johnson Street, Madison, WI 53706

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 20-104-150-310

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,000

Descriptors: *Periodicals, *Information Dissemination, *Educational Research, *Educational Development, *Publications, Research Reviews Publications, Program Descriptions

Identifiers: State, Proposal

Four issues of the 'Wisconsin Vocational Educator Magazine' will be published to increase educators' awareness of research and innovative practices. Articles on research, exemplary curriculum, and other developments will be solicited, reviewed by an editorial board, and printed.

Exemplary and Innovative (Sec. 132)

000445

Educational Television Programming.

Project Director: Townley, Barbara

Organization: Wisconsin Board of Vocational-Technical Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702

Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract/Control No.: 19

Funding Period: Start Date 01 Jul 79; End Date 30 Jun 80

Fiscal Year Funding: \$7,900

Descriptors: *Educational Television, *Telecourses, *Outreach Programs, *Programming Broadcast, *Nontraditional Education, Adult Education, Regional Programs, Technical Education

Identifiers: State, Proposal

Two vocational, technical, and adult educational programs for each semester of the 1979-80 school year will be rented from the Educational Communications Board for broadcasts on the Educational Television Network. Promotion, recruitment, enrollment, and management of the programs will be coordinated through the sixteen local vocational, technical and adult education (VTAE) districts to provide an alternative method of teaching vocational subjects in outreach areas.

000648**Related Instruction for Apprentices.****Project Director:** Mendel, Dave**Organization:** Wisconsin Board of Vocational, Technical, and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 19**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$2,565**Descriptors:** *Competency Based Education, *Curriculum Guides, *Apprenticeships, *Learning Modules, Instructional Materials, Postsecondary Education**Identifiers:** State, Proposal

Competency-based curriculum guides and modules for new apprenticeship areas will be developed, and existing course outlines will be revised. The project will be administered through the office of the state extension coordinator. Advisory committee members will assist in the development of the curriculum outlines and instructional materials.

001733**Minority Recruitment****Project Director:** Strong, Merle**Organization:** University of Wisconsin-Madison, Wisconsin Vocational Studies Center, 964 Educational Science Building, 1025 West Johnson Street, Madison, WI 53706**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 20-103-150-310**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$16,003**Descriptors:** *Teacher Recruitment, *Minority Group Teachers, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

To facilitate recruitment of minority vocational educators into secondary and postsecondary vocational education programs, an advisory committee will be formed, colleges and universities will be contacted for candidates who will be referred to job openings and encouraged to submit applications, and schools will be encouraged to employ minority applicants. A final report will be delivered.

001734**Wisconsin Career Information System (WCIS) (Formerly Wisconsin Occupational Information System).****Project Director:** Lambert, Roger**Organization:** Wisconsin Vocational Studies Center, 964 Educational Science Building, 1025 West Johnson Street, Madison, WI 53706**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 20-110-150-310**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$25,000**Descriptors:** *Computer Oriented Programs, *Databases, *Occupational Information, Secondary Education, Postsecondary Education, Scholarship Funds, Leadership**Identifiers:** State, Proposal

Occupational, educational, scholarship, and leadership information will be provided to high school and postsecondary students in two forms—manual and computer. An advisory committee will be formed, computer banks will be updated as necessary, and in-service and

orientation sessions will be held to stimulate the expansion and use of the system. A final report and bimonthly newsletter will be produced.

Curriculum Development (Sec. 133)**000649****Revision of Program Development Manual.****Project Director:** Kinsler, George**Organization:** Wisconsin Board of Vocational, Technical, and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 19**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,450**Descriptors:** *Administrator Guides, *Program Development, *Program Evaluation, Advisory Committees**Identifiers:** State, Proposal

The Vocational, Technical, and Adult Education program development procedures manual will be revised and updated. Several task forces will be update procedures in program evaluation, use of advisory committees, cost allocations, and other areas. Task force input will be analyzed and incorporated in the final handbook.

000650**Audiovisual Instructional Materials Development.****Project Director:** Adams, Terry; Beyl, Doyle**Organization:** Wisconsin Board of Vocational-Technical and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 19**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$3,000**Descriptors:** *Audiovisual Instruction, *Instructional Materials, *Consortia**Identifiers:** State, Proposal

Audiovisual instructional materials will be developed to reduce duplication of frequently used materials, increase quality, attract other funds for production, and demonstrate the effectiveness of a consortium approach to producing such materials. A consortium of interested VTAE districts and an advisory committee will be formed. Criteria for selecting, reviewing, and developing audiovisual materials will be developed.

000651**Curriculum Articulation.****Project Director:** Beyl, Doyle**Organization:** Wisconsin Board of Vocational, Technical, and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 19**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$16,000**Descriptors:** *Sex Stereotypes, *Articulation Education, *Competency Based Education, *Program Proposals, Secondary Education, Postsecondary Education**Identifiers:** State, Proposal

Staff capability to counter sex stereotyping and improve secondary and postsecondary curriculum articulation will be upgraded. Task inventories in selected program areas will be identified to determine which tasks, competencies, or performance objectives are or should be taught at each level. Matrixes of offerings and competency-based student achievement records will be developed. Local districts will submit projects addressing the above objectives. State staff will provide technical assistance. A final report will be disseminated to other districts.

000652**Competency-Based Education (CBE) and Vocational-Technical**

Education Consortium of States (V-TECS).**Project Director:** Beyl, Doyle**Organization:** Wisconsin Board of Vocational, Technical, and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 19**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$42,265**Descriptors:** *Mechanics Process, *Competency Based Education, *Dental Hygienists, *Medical Record Technicians, *Behavioral Objectives**Identifiers:** State, Proposal, *Vocational Technical Education Consortium States

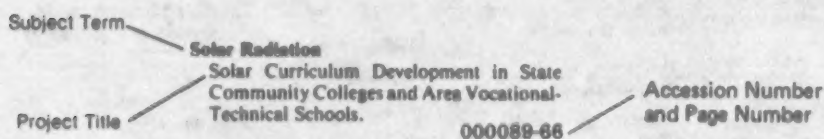
Based on surveys of incumbent workers, a writing team will develop a competency-based catalog of performance objectives and performance guides for maintenance mechanics, dental hygienists, property managers, and medical records technicians. Local vocational educators will be informed of available V-TECS materials, and fifty copies of a V-TECS catalog will be available for curriculum materials.

000653**Wisconsin Vocational Studies Center (Continuation).****Project Director:** Strong, Merle**Organization:** University of Wisconsin, 1025 West Johnson, 964 Educational Science Building, Madison, WI 53706**Sponsoring Agency:** Wisconsin State Board of Vocational, Technical, and Adult Education, Madison**Contract/Control No.:** 20**Funding Period:** Start Date 01 Jul 79; End Date 30 Jun 80**Fiscal Year Funding:** \$60,000**Descriptors:** *Educational Service Centers, *Information Dissemination, *Graduate Students, *Research and Development Centers, *Educational Needs, Professional Development, Educational Assessment**Identifiers:** State, Proposal

A mechanism to facilitate the development of projects to identify and meet current and future needs in vocational education, develop curriculum, evaluate programs, and upgrade faculty and staff will be provided through a staff of professionals who will write proposals, obtain funds, and conduct needed projects. The staff will provide support and consultation for graduate students who work on relevant research and development projects and disseminate research findings, reports, and other products. Final reports of each funded project will be disseminated to local districts, ERIC, and state agencies.

SUBJECT INDEX

This index lists project titles under the major subject terms assigned to characterize project content. The terms are taken from the *Thesaurus of ERIC Descriptors* and are listed in alphabetical order. (Note: Because projects in this publication are in the broad area of vocational education, "vocational education" is not used as a major descriptor.) As shown in the example, the accession number is displayed below and to the right of that title. Additional information about the project can be found under that number in the resume section.



Academic Achievement

Assessment of Student Selection Criteria and Their Relationship to Academic Achievement and the Development of a Follow-up Procedure—Phase 2.

001587-20

Development of a Model Processing Program for Parkview High School.

000455-8

Document of Evidence.

000448-1

Occupational Proficiency Training Program (OPT).

000038-31

Statewide Longitudinal Study.

000462-11

Academic Failure

Occupational Proficiency Training Program (OPT).

000038-31

Academically Gifted

Career Mentorship Program for the Gifted and Talented.

000169-181

Community Experiences for Career Education (CE)2 Program of Jackson County (Continuation).

000128-143

Exemplary Model for Career Guidance of the Gifted and Talented at River Dell.

000252-108

Research Study To Determine the Extent to Which Gifted and Talented Students Can Be Educationally Served by Vocational Schools or Vocational Programs at the Elementary or Secondary Level.

000075-63

Stage 2.

000291-191

Access to Education

Adapting Curriculum, Training, and In-

struction for Special Occupational Needs.

001713-165

Nonpublic School Students in Public Vocational Education Programs.

000219-161

Pre-employment Training.

001614-5

Accessibility For Disabled

Identification and Development of Apparatus to Assist the Physically Handicapped in Obtaining Access to Laboratory Shops.

000294-97

Surmounting Architectural Barriers to the Handicapped in Vocational Education.

001647-49

Workshop for Area Vocational-Technical Schools (AVTS): Transition Plans, Section 304.

000315-151

Accountability

Automated Vocational Education Data System.

001623-11

Teacher Education Accountability System.

000508-70

Accounting

Development of a Model Processing Program for Parkview High School.

000455-8

Microcomputer-Based Instructional Accounting Package.

000644-196

Achievement Tests

Development of Student Achievement Measures for Vocational Education.

000390-107

Administration Guides

Process Design: Program Development

Based on New and Emerging Occupations.

000319-11

Administrative Personnel

Area Vocational School Delivery System.

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